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### 1 List of used Open-Source Components.

This document contains a list of open source software (OSS) components used within the product under the terms of the respective licenses. The source code corresponding to the open source components is also provided along with the product wherever mandated by the respective OSS license.

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GCC Runtime Library Exception 3.1 to GPL 3.0

Version 3.1, 31 March 2009

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Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.


Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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signature of Ty Coon, 1 April 1990  
Ty Coon, President of Vice  
That's all there is to it!

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

#### Preamble

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When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.



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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:


a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- E. <https://www.unicode.org/reports/>
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- G.
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### 3 Other Open-Source Dependencies:

#### 3.1 Supplier : Alps\_Alpine

Supplier: Alps_Alpine				
Name of OSS Component	Version	License	Home Page	Copyrights
Android - platform - frameworks - base	android-6.0.0_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - packages - apps - Bluetooth	android-8.0.0_r2	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
aosp-mirror/platform_hardware_libhardware	android-n-iot-preview-4	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - av	android-7.0.0_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - external - bluetooth - bluebird	android-4.2.2_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - av	android-4.2_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
aosp-mirror/platform_hardware_libhardware	android-o-preview-1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-7.1.2_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-2.1_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-o-preview-2	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
CyanogenMod - android_external_bluetooth_bluebird	cm-10.2-M1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
aosp-mirror/platform_hardware_libhardware	android-n-mr2-preview-1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - packages - apps - Bluetooth	android-5.1.0_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-p-preview-1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-3.2.4_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-wear-n-preview-1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-8.1.0_r2	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	

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Android - platform - frameworks - base	android-4.0.3_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-4.4_r0.7	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-8.0.0_r21	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-wear-n-preview-2	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - packages - apps - Bluetooth	android-5.0.0_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - packages - apps - Bluetooth	android-4.2_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-4.1.1_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - packages - apps - Bluetooth	android-7.0.0_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - opt - bluetooth	android-n-preview-1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - packages - apps - Bluetooth	android-4.3_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-n-iot-preview-4	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-n-preview-3	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-6.0.0_r5	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - external - bluetooth - bluedroid	android-4.4_r0.8	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-5.0.0_r2	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-4.4_r0.9	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-o-preview-1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
aosp-mirror/platform_hardware_libhardware	android-5.0.0_r2	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - external - bluetooth - bluedroid	android-4.2_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-6.0.1_r56	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - packages - apps - Bluetooth	android-4.4_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	

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Android - platform - frameworks - base	android-7.0.0_r5	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-4.0.1_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Linux Kernel	v3.4-rc4	(GNU General Public License v2.0 only AND GNU General Public License v2.0 or later)	<a href="https://www.kernel.org">https://www.kernel.org</a>	
Android - platform - frameworks - base	android-n-preview-4	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-7.0.0_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-4.4_r0.8	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - hardware - libhardware	android-5.1.0_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-n-mr2-preview-1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - packages - apps - Bluetooth	android-6.0.0_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - opt - bluetooth	android-6.0.0_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-n-preview-1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	android-4.2_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	

### 3.2 Supplier : Android\_OMR1

Supplier:Android_OMR1				
Name of OSS Component	Version	License	Home Page	Copyrights
ARM trusted firmware BL31		BSD2		
AVB Media Clock Recovery Handler driver		GPL v2/MIT		
AVB Media Streaming Engine driver		GPL v2/MIT		
AVB Streaming driver		GPL v2/MIT		
boot_control		Apache v2		
device.renesas.common		Apache v2		
device.renesas.kingfisher		Apache v2		
device.renesas.salvator		Apache v2		
device.renesas.ulcb		Apache v2		
Dynamic Trusted Application Note		BSD2		

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evs		Apache v2		
gatekeeper		Apache v2		
HWComposer		Apache v2		
interfaces.graphics.composer		Apache v2		
IPL		BSD		
Kernel		GPL v2		
keymaster		Apache v2		
LensPicker		Apache v2		
libLLVMIMG.so		University of Illinois/NCSA Open Source License		
libstagefrighthw		Apache v2		
Memory Manager Driver		GPL v2/MIT		
Memory Manager I/F		MIT		
NetworkDisplayDemo		Apache v2		
Oemlock		Apache v2		
OP-TEE (including TEE internal API)		BSD2		
OP-TEE Linux driver		GPL v2/MIT		
Overview		Apache v2		
patch files for i2c-tools		GPL v2		
QoS driver		GPL v2/MIT		
QoS I/F		MIT		
R8A7795 GX6650 Device Driver for Android		GPL v2/MIT		
R8A7796 GX6250 Device Driver for Android		GPL v2/MIT		
Settings file of usb fw		Apache v2		
si-tools		GPL v3		
SPI / HyperFlash driver		BSD2		
SS6.3-Public Driver for Linux		GPL v2/MIT		
Timer driver		BSD2		
U-Boot		GPL v2		
UVCS Driver for Android		GPL v2/MIT		
VSP Manager		GPL v2/MIT		
VSP Manager I/F		MIT		
VSPM I/F Driver		GPL v2/MIT		

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### 3.3 Supplier : Apertis

Supplier: Apertis				
Name of OSS Component	Version	License	Home Page	Copyrights
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Apertis pro archive keyring	0.2rb1bv2020.0b1	GPL-2.0+		Copyright: 2012 RBEI Ltd.
Apparmor	2.13.2-10co2bv2020preb3	GPL-2.0 Other licenses: LGPL-2.1 Public Domain X11 MIT GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception FSFAP FSFUL BSD-3-Clause		Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) Christian Boltz 2018 Copyright (c) 2017 SUSE LINUX GmbH, Nuernberg, Germany. Copyright (c) 2017 Rosetta Contributors and Canonical Ltd 2017 Copyright (c) 2009 Dulmandakh Sukhbaatar Copyright (c) 2008 Dominic Reynolds. Copyright (c) 2006 SUSE Linux Products GmbH, Nuernberg, Germany. Copyright (c) 2006 Novell, Inc. All Rights Reserved. Copyright (c)

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basepasswd	3.5.46co1bv 2019.0b1	GPL-2.0+ Other licenses: GPL-2.0		Copyright: Copyright 1999-2002 Wichert Akkerman Copyright 2007 David Mandelberg Copyright 2002, 2003, 2004, 2005, 2007 Colin Watson Copyright 2002, 2003, 2004 Colin Watson Copyright 2001, 2002 Joey HessCopyright (C) of this file 2014 Chris Leick Copyright (C)




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dash	0.5.10.2- 5co1bv2019 .0b1	GPL-2.0+ AFL-2.1 Other licenses: BSD-3-Clause MIT GPL V3 or later with autoconf exception FSF TCL LGPL-2.1+ AFL-2.0 Public Domain		Copyright © 2014-2015 Canonical, Ltd. Copyright © 2013-2015 Collabora Ltd. Copyright © 2013 Intel Corporation Copyright © 2011-2012 Nokia

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				2011, Andrew Straw <strawman@astraw.com> 2011, Zhi Li <lizhi1215@gmail.com> 2014-2016, Christian Kastner <ckk@debian.org> 2015, Helmut Grohne <helmut@subdivi.de>
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libgp gerror	1.35-1bv2019.0b 1	LGPL-2.1+ Other licenses: FSF GPL v2 or later with mkerrcodes.awk exception GPL V2 or later with autoconf exception Public Domain GPL-2.0+ GPL V3 or later with autoconf exception LGPL-2.1 BSD-3-Clause X11 LGPL-2.0+ GPL V3 or later with Tex exception GNU Libtool GPL v2 or later with exception		Copyright (C) 1994-2014 Free Software Foundation, Inc. Copyright (C) 2018 g10 Code GmbH Copyright (C) 2014 Jedi Lin Copyright (c) 2010 Reuben Thomas Copyright (C) 2004 Simon Josefsson Copyright (c) 1999 Richard Henderson Copyright (C) 1998-2006, 2008-2017 Werner Koch Copyright (C) 1994 X Consortium
libseccomp	2.3.3-4bv2019.0b 1	LGPL-2.1 Other licenses: Public Domain X11 GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception		Copyright 2015 IBM Author: Jan Willeke Copyright 1992-2017 Free Software Foundation, Inc. Copyright (c) 2017 Red Hat Author: Paul Moore Copyright (c) 2015 Freescale Copyright (c) 2014 Imagination Technologies Ltd. Author: Markos Chandras Copyright (C) 1994 X Consortium

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DotNetZip Library		Microsoft Public License (Ms-PL)		
Extended WPF Toolkit		Microsoft Public License (Ms-PL)		
EPPlus Library		LGPLv2.1		
Free Type Engine		Freetype Project License		
GLEW Library		MIT License		
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GraphSharp		Apache 2.0 License		
HarfBuzz Text Shaping Engine / UCDN - Unicode Database and Normalization		HarfBuzz / UCDN License		
ICU		ICU License		
json-cpp JSON reader and writer in C++		Json-cpp License		
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Xerces-C++ XML Parser		Apache 2.0 License		
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Supplier : Escript				
Name of OSS Component	Version	License	Home Page	Copyrights
The ASN.1 Compiler	asn1c - 0.9.21 asn1c - 0.9.26	BSD (Two Clause License)		Copyright © 2003-2016 Lev Walkin <vlm@lionet.info> and contributors, Copyright © 2003, 2004 X/IO Labs, xiolabs.com
Base64_encode_decode Stack overflow	2/16/2015	Creativecommons Attribution ShareAlike 3.0		© 2015 stack exchange inc
libcurl	7.22	Curl License		Copyright (c) 1996 - 2016, Daniel Stenberg, daniel@haxx.se.
libdbus	1.4.18	Academic Free License v2.1		Copyright (C) 2003-2004 Lawrence E. Rosen Copyright (C) 1989, 1991 Free Software Foundation, Inc.

### 3.6 Supplier : LG Innotek

Supplier: LG Innotek				
Name of OSS Component	Version	License	Home Page	Copyrights
abi	Android4.4	BSD-3-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2011 The Android Open Source Project All rights reserved.
adb	1.0.31	BSD-3-Clause AND Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 1988 Regents of

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<b>XC-CT</b>	<b>XC_CT_RN_AIVI_Scope 3.x</b>	<b>27<sup>th</sup> March 2023</b>

				the University of California. * All rights reserved. Copyright (c) 2006-2009, 2012 The Android Open Source Project Copyright 2006, Brian Swetland <swetland@frotz.net>
android-clat	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2010-2012 Daniel Drown
applypatch	Android4.4	BSD-2-Clause AND Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2009 The Android Open Source Project
aprd	Android4.4	GPL-2.0-only	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
atrace	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2012 The Android Open Source Project
audioflinger	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2009,2012 The Android Open Source Project
autotest	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2012,2014 The Android Open Source Project
bluedroid	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 1999-2012 Broadcom Corporation
bmgr	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2009, The Android Open Source Project
bugreport	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2009 The Android Open Source Project
busybox	1.17.1	GPL-2.0-only	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 1998-2009 Erik



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				Andersen, Rob Landley, Denys Vlasenko and others
common_time	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008,2011- 2012 The Android Open Source Project
compress_simu	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2011 The Android Open Source Project
connectivitymanager	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2013, The Android Open Source Project
custom_mmi	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2016 The Android Open Source Project Copyright (C) 2016 Spreadtrum Inc.
debuggerd	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2005-2008, 2011- 2012 The Android Open Source Project
dhcp6	Android4.4	BSD-3-Clause AND ISC AND BSD-4-Clause-UC AND Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 1998-2004 WIDE Project. All rights reserved.
dhcpcd	5.5.6	BSD-2-Clause AND BSD-3-Clause AND ISC AND Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 1990, 1993 The Regents of the University of California. All rights reserved. Copyright (c) 2006-2008 Roy Marples <roy@marples.name> All rights reserved Copyright 2006- 2012 Roy Marples

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				<roy@marples.name> All rights reserved Copyright (c) 2004,2007 by Internet Systems Consortium, Inc. ("ISC") Copyright (c) 1996-2003 by Internet Software Consortium Copyright 2011, The Android Open Source Project
dnsmasq	2.51	GPL-2.0-or-later	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2000-2009 Simon Kelley
drmserver	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008,2010 The Android Open Source Project
dumpdata	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2008 The Android Open Source Project
dumpstate	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2008,2013 The Android Open Source Project
dumpsys	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2005-2008 The Android Open Source Project
e2fsprogs	1.41.14	GPL-2.0-or-later AND LGPL-2.0-or-later AND BSD-3-Clause AND MIT	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 by Theodore Ts'o. Copyright 1990, 1991, 1992 Free Software

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expat	2.1	MIT	<a href="http://developer.andraoid.com/index.html">http://developer.andraoid.com/index.html</a>	<p>Copyright (c) 1998, 1999, 2000 Thai Open Source Software Center Ltd and Clark Cooper Copyright (c)</p>

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				2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.
factorytest	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2006,2007,2014 The Android Open Source Project Copyright (C) 2014 The CyanogenMod Project
filterfw	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2011 The Android Open Source Project
filterpacks	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2011 The Android Open Source Project
framework-base-data	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2008 The Android Open Source Project copyright © 2007, Google Corporation.RegularAscender - Droid SansVersion 1.00 copyright Google 2013 Google:Roboto: 2013Roboto RegularVersion 1.200310
framework-native-data	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2006-2013 The Android Open Source Project
freetype	2.4.2	FTL AND MIT	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 1996-2002, 2006 by David Turner, Robert Wilhelm, and Werner Lemberg Copyright (C)

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				2000, 2001, 2002 by Francesco Zappa Nardelli
gcc-demangle	4.6	GPL-2.0-or-later AND LGPL-2.0-or-later	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 1992, 1993, 1994, 1995, 1996, 1997, 1998, 2000, 2001, 2002, 2003, 2004, 2005, 2007, 2008, 2009, 2010 ↑ Free Software Foundation, Inc. Copyright ↑ (C) 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 Free Software Foundation, Inc. Written by Ian Lance Taylor <ian@wasabisystems.com>.
ge2_libgps	GPS_GLO GE2_W17.40 .5	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2010 The Android Open Source Project
harfbuzz_ng	0.9.14	MIT	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright © 2008,2010 Nokia Corporation and/or its subsidiary(-ies) Copyright © 2009 Keith Stribley Copyright © 2009 Martin Hosken and SIL International Copyright © 2007 Chris Wilson Copyright © 2006 Behdad Esfahbod Copyright © 2005 David Turner Copyright ©

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			<p>2004,2007,2008, 2009,2010 Red Hat, Inc. Copyright © 1998-2004 David Turner and Werner Lemberg Copyright (C) 2012 Grigori Goronzy &lt;greg@kinoho.n et&gt;" Copyright © 2010,2011,2012 Google, Inc. Copyright © 2012 Mozilla Foundation Copyright © 2011 Codethink Limited Copyright © 2008,2010 Nokia Corporation and/or its subsidiary(-ies) Copyright © 2009 Keith Stribley Copyright © 2009 Martin Hosken and SIL International Copyright © 2007 Chris Wilson Copyright © 2006 Behdad Esfahbod Copyright © 2005 David Turner Copyright © 2004,2007,2008, 2009,2010 Red Hat, Inc. Copyright © 1998-2004 David</p>
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				Turner and Werner Lemberg Copyright (C) 2012 Grigori Goronzy <greg@kinoho.net>
healthd	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2013 The Android Open Source Project
icu4c	49.1.1	ICU	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 1995-2012 International Business Machines Corporation and others All rights reserved.
ime	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2007, The Android Open Source Project
input	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2007, The Android Open Source Project
iosnoop.sh	Android4.4	GPL-2.0-or-later	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	COPYRIGHT: Copyright (c) 2014 Brendan Gregg.
iotat	Android4.4	Apache-2.0 AND GPL-2.0-only	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2006,2007 The Android Open Source Project Copyright (C) 2012 Spreadtrum Communications Inc.
iproute2	ss120521	GPL-2.0-or-later	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Alexey Kuznetsov, <kuznet@ms2.inr.ac.ru> Copyright (C)2004,2006-2007 USAGI/WIDE Project

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ipsec-tools (racoon)	0.7.3	BSD-3-Clause	<a href="http://developer.armoroid.com/index.html">http://developer.armoroid.com/index.html</a>	Copyright (C) 1995-2003 WIDE Project. Copyright (C) 2004-2006 Emmanuel Dreyfus All rights reserved. Copyright (C) 2004 SuSE Linux AG, Nuernberg, Germany. Contributed by: Michal Ludvig <mludvig@suse. cz>, SUSE Labs All rights reserved. Copyright 2000 Wasabi Systems, Inc. All rights reserved. Copyright (C) 2005 International Business Machines Corporation Copyright (c) 2005 by Trusted Computer Solutions, Inc. All rights reserved. Copyright 2000 Aaron D. Gifford. All rights reserved.
iptables	1.4.20	GPL-2.0-or-later AND Artistic-2.0	<a href="http://developer.armoroid.com/index.html">http://developer.armoroid.com/index.html</a>	(C) 1999-2006 by the netfilter coreteam <coreteam@netfil ter.org>: Paul 'Rusty' Russell <rusty@rustcorp. com.au> Marc Boucher <marc+nf@mbsi.



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				ca> James Morris <jmorris@interco de.com.au> Harald Welte <laforge@ ↑ gnumonks.org> Jozsef Kadlec <kadlec@blackh ole.kfki.hu> Copyright © Jan Engelhardt, 2011
iputils	s20121221	GPL-2.0-or-later AND BSD-4- Clause-UC	<a href="http://developer.ano&lt;br/&gt;roid.com/index.html">http://developer.ano roid.com/index.html</a>	opyright (c) 1989 The Regents of the University of California. All rights reserved. This code is derived from software contributed to Berkeley by Mike Muuss. Copyright (c) 1983, 1993 The Regents of the University of California. All rights reserved. Copyright (c) 1990, 1993 The Regents of the University of California. All rights reserved. This code is derived from software contributed to Berkeley by Van Jacobson.
iwnpi	Android4.4	MIT	<a href="http://developer.ano&lt;br/&gt;roid.com/index.html">http://developer.ano roid.com/index.html</a>	Copyright (c) 2007, 2008 Johannes Berg Copyright (c) 2007 Andy Lutomirski Copyright (c)

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				2007 Mike Kershaw Copyright (c) 2008-2009 Luis R. Rodriguez Copyright (c) 2013 Wenjie Zhang Copyright (c) 2014 Huiquan Zhou
jpeg	Android4.4	BSD-3-Clause AND IJG AND Apache-2.0 AND Zlib	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2009-2011 Nokia Corporation and/or its subsidiary(-ies). All rights reserved. Contact: Alexander Bokovoy <alexander.bokovoy@nokia.com> Copyright (C) 2007-2008,2010-2011 The Android Open Source Project Copyright (C) 2010-2011 Intel Corporation
Kernel	4.4	GPL-2.0-only	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 1989, 1991 Free Software Foundation, Inc.
keystore	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2008-2009, 2011-2013 The Android Open Source Project
keystore-engine	Android4.4	BSD-2-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2012-2013 The Android Open Source Project
libandroid	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2009, 2010 The Android Open Source Project

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<b>XC-CT</b>	<b>XC_CT_RN_AIVI_Scope 3.x</b>	<b>27<sup>th</sup> March 2023</b>

libandroid_servers	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2006-2013 The Android Open Source Project
libandroidfw	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008,2010 The Android Open Source Project
libandroid_runtime	Android4.4	BSD-3-Clause AND Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2011-2012 Google Inc. All rights reserved. Copyright 2011, The Android Open Source Project Copyright (C) 2005-2013 The Android Open Source Project
libbinder	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2005-2009,2013 The Android Open Source Project
libbt	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2009-2012 Broadcom Corporation
libbt-client-api	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2009-2011 Broadcom Corporation
libc	Android4.4	BSD-3-Clause AND BSD-2-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2008-2009,2011-2013 The Android Open Source Project. All rights reserved. Copyright (c) 2010-2013, Linaro Limited All rights reserved.
libc	Android4.4	BSD-3-Clause AND BSD-4-Clause-UC	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2010, 2011 Intel Corporation

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libc_malloc_d ebug_leak	Android4.4	BSD-2-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2008,2012 The Android Open Source Project All rights reserved.
libc_malloc_d ebug_qemu	Android4.4	BSD-2-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2009 The Android Open Source Project All rights reserved.
libcamera	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008,2011-2013 The Android Open Source Project
libcameraservice	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008,2012-2013 The Android Open Source Project
libcorkscrew	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2011, The Android Open Source Project
libctest	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2007 The Android Open Source Project
libcutils	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008, The Android Open Source Project
libdiskconfig	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2008, The Android Open Source Project
libdrmframework	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008,2010 The Android Open Source Project
libeffects	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2013 The Android Open Source Project

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libefuse	Android4.4	GPL-2.0-only	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2012 Spreadtrum Communications Inc.
libFmRecordHal	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2012 The Android Open Source Project
libgui	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2007-2008,2010-2013 The Android Open Source Project
libhardware	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008,2011-2013 The Android Open Source Project
libhardware_legacy	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008, 2011 The Android Open Source Project
libhwui	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008,2010-2013 The Android Open Source Project
libinput	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2008-2013 The Android Open Source Project
libinputservice	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2005, 2010-2011 The Android Open Source Project
libion	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2011 Google, Inc
libjnigraphics	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2009 The Android Open Source Project
liblog	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008, The Android Open Source Project

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libm	Android4.4	BSD-2-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2001-2011 The FreeBSD Project. All rights reserved. Copyright (c) 2002-2007 David Schultz <das@FreeBSD.ORG> All rights reserved. Copyright (c) 2003 Mike Barcroft <mike@FreeBSD.org> Copyright (c) 2010 The Android Open Source Project All rights reserved.
libmedia	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2012, The Android Open Source Project
libmediaplayer-service	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2009,2012-2013 The Android Open Source Project
libmemion	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2015 The Android Open Source Project
libmemtrack	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2013 The Android Open Source Project
libmtp	1.0.1	LGPL-2.0-or-later	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2005-2009 Linus Walleij <triad@df.lth.se> Copyright (C) 2005-2008 Richard A. Low <richard@wentnet.com>

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libnativehelper	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008, The Android Open Source Project
libnbaio	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2012-2013 The Android Open Source Project
libnetutils	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008, The Android Open Source Project
libnfc-nxp	1.1	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2010 NXP Semiconductors
libnls	2	LGPL-2.0-only AND GPL-2.0-or-later	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2003-2009 Thomas Graf <tgraf@suug.ch>
libpng	1.2.46	Libpng	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2000, Willem van Schaik. This code is released under

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libssl	1.1.0i	OpenSSL	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2002-2013, Jouni Malinen <j@w1.fi> and contributors All Rights Reserved. Generic advertisement service (GAS) server Copyright (c) 2008-2012, Qualcomm Atheros, Inc. Copyright (c) 2004, Sam Leffler <sam@errno.com> * Copyright 1995-2018 The OpenSSL Project Authors. All Rights Reserved. Copyright 2002 Sun Microsystems, Inc
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libui	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2005-2009,2012 The Android Open Source Project
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lights	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2008 The Android Open Source Project
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netcfg	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008, The

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omx-core	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2011 The Android Open Source Project
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openssl	1.1.0i	OpenSSL	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
pm	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2007, The Android Open Source Project
powermanager	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2011, The Android Open Source Project
ppp	2.4.7	BSD-like	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	This product includes software developed by Paul Mackerras <paulus@samba.org>
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run-as	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008, 2010 The Android Open Source Project
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sensorservice	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2010-2012, The Android Open Source Project
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srec	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	<p>These files are Copyright 2007, 2008 Nuance Communications, but released under the Apache2 License.</p>
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system-extras	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2005-2008, 2010, The Android Open Source Project
system-media	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2011-2014 The Android Open Source Project
system-voicemail	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2007-2008, 2010-2013 The Android Open Source Project
tinypals	Android4.4	BSD-3-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright 2011,2012 The Android Open Source Project
toolbox	Android4.4	BSD-2-Clause AND BSD-3-Clause	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 1988-1989,1991,1993, 1994 The Regents of the University of California. All rights reserved. Copyright (c) 2008-2010, 2012-2013 The Android Open Source Project All rights reserved. Copyright (c) 1998-1999 Robert Nordier All rights reserved. Copyright (c) 1999 James Howard and Dag-

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u-boot15	2015.07- gd46d0cf	GPL-2.0-or-later	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	(C) Copyright 2000 – 2013 Wolfgang Denk, DENX Software Engineering, wd@denx.de.
ueventd	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2010 The Android Open Source Project
vb_effect	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2012 The Android Open Source Project
vb_pga	Android4.4	Apache-2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (C) 2012 The Android Open Source Project
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webrtc	Android4.4	BSD-3-Clause AND BSL-1.0 AND MIT	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2011 The Chromium Authors. All rights reserved. Copyright (c) 2011 The WebRTC project authors. All Rights Reserved.
wpa_supplicant_8	Android4.4	BSD-3-Clause AND MIT	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	Copyright (c) 2002-2013, Jouni Malinen <j@w1.fi> and contributors All Rights Reserved.
zlib	1.2.8	Zlib	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	(C) 1995-2013 Jean-loup Gailly and Mark Adler

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Berkeley_test	Unspecified	BSD 3-clause "New" or "Revised" License	<a href="http://www.berkeley.edu/">http://www.berkeley.edu/</a>	
bison	3.0.2, 2.5	GNU General Public License v3.0 or later with Bison exception 2.2	<a href="http://savannah.gnu.org/projects/bison/">http://savannah.gnu.org/projects/bison/</a>	
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ConvertUTF.h	Unspecified	License for Unicode	<a href="http://unicode.org/">http://unicode.org/</a>	
crda	3.18	ISC License	<a href="http://github.com/idor/crda/">http://github.com/idor/crda/</a>	
Das U-Boot - Universal Bootloader	Unspecified	GNU General Public License v2.0 or later	<a href="http://www.denx.de/wiki/U-Boot/WebHome">http://www.denx.de/wiki/U-Boot/WebHome</a>	
D-Bus	1.10.2	Academic Free License v2.1	<a href="http://www.freedesktop.org/wiki/IntroductionToDBus">http://www.freedesktop.org/wiki/IntroductionToDBus</a>	
dbus-glib	0.104	Academic Free License v2.1	<a href="http://www.freedesktop.org/wiki/Software/dbus">http://www.freedesktop.org/wiki/Software/dbus</a>	
dotzlib	Unspecified	Boost Software License 1.0	<a href="https://github.com/madler/zlib/tree/master/contrib/dotzlib">https://github.com/madler/zlib/tree/master/contrib/dotzlib</a>	
dt-utils	dt-utils_test	GNU General Public License v2.0 or later	<a href="http://www.pengutronix.de/">http://www.pengutronix.de/</a>	
eCryptfs - ecryptfs-userspace	108	GNU General Public License v2.0 or later	<a href="http://sourceforge.net/projects/ecryptfs/">http://sourceforge.net/projects/ecryptfs/</a>	
eudev	Unspecified	GNU General Public License v2.0 or later	<a href="http://github.com/gentoo/eudev/">http://github.com/gentoo/eudev/</a>	

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Expat XML Parser - libexpat	Unspecified	MIT License	<a href="http://www.libexpat.org/">http://www.libexpat.org/</a>	
Filesystem in Userspace	2.9.4	GNU General Public License v2.0 or later	<a href="http://sourceforge.net/projects/fuse/">http://sourceforge.net/projects/fuse/</a>	
gensheloop	Unspecified	GNU Library General Public License v2 or later	<a href="https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts">https://github.com/ShiftMediaProject/gnutls/tree/master/src/libopts</a>	
gkernel - rng-tools	5	GNU General Public License v2.0 or later	<a href="http://sourceforge.net/projects/gkernel/">http://sourceforge.net/projects/gkernel/</a>	
Glib	2.46.0	GNU Library General Public License v2 or later	<a href="https://developer.gnome.org/glib/">https://developer.gnome.org/glib/</a>	
GMP - GNU Multiple Precision Arithmetic Library	6.0.0a	GNU General Public License v2.0 or later	<a href="http://gmplib.org/">http://gmplib.org/</a>	
GNOME Network Manager	1.0.10	GNU General Public License v2.0 or later	<a href="http://www.gnome.org/projects/NetworkManager/">http://www.gnome.org/projects/NetworkManager/</a>	
GNU C Library - glibc	Unspecified	GNU Lesser General Public License v2.1 or later	<a href="http://www.gnu.org/software/libc/libc.html">http://www.gnu.org/software/libc/libc.html</a>	

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GNU Get Text	0.15	GNU General Public License v2.0 or later	<a href="http://www.gnu.org/software/gettext/">http://www.gnu.org/software/gettext/</a>	
GNU gettext	0.18.2	GNU Library General Public License v2 or later	<a href="http://savannah.gnu.org/projects/gettext/">http://savannah.gnu.org/projects/gettext/</a>	
GnuTLS	3.3.13	GNU Lesser General Public License v2.1 or later	<a href="http://savannah.gnu.org/projects/gnutls/">http://savannah.gnu.org/projects/gnutls/</a>	
Gnutls_Affero	Unspecified	GNU Affero General Public License v3.0	<a href="https://github.com/ShiftMediaProject/gnutls/tree/master/tests">https://github.com/ShiftMediaProject/gnutls/tree/master/tests</a>	
googlemock	1.7.0	BSD 3-clause "New" or "Revised" License	<a href="http://code.google.com/p/googlemock/">http://code.google.com/p/googlemock/</a>	
Gstreamer	0.10.36	GNU Library General Public License v2 or later	<a href="http://gstreamer.freedesktop.org/modules/">http://gstreamer.freedesktop.org/modules/</a>	
GSTREAMER PLUGINS-BASE	0.10.36	GNU Lesser General Public License v2.1 or later	<a href="http://gstreamer.freedesktop.org/src/gst-plugins-base/">http://gstreamer.freedesktop.org/src/gst-plugins-base/</a>	


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hostapd - IEEE 802.11 AP & IEEE 802.1X/WPA/WPA2/EAP/RADIUS Authenticator	2.5	BSD 3-clause "New" or "Revised" License	<a href="http://hostap.epitest.fi/hostapd/">http://hostap.epitest.fi/hostapd/</a>	
htop	1.0.3	GNU General Public License v2.0 or later	<a href="http://github.com/hishamhm/htop/">http://github.com/hishamhm/htop/</a>	
IDEA_FUNCTION	Unspecified	MIT v2 with Ad Clause License	<a href="https://github.com/ShiftMediaProject/libcrypt/tree/master/cipher">https://github.com/ShiftMediaProject/libcrypt/tree/master/cipher</a>	
imx_usb_loader	Unspecified	GNU Lesser General Public License v2.1 or later	<a href="http://github.com/boundarydevices/imx_usb_loader/">http://github.com/boundarydevices/imx_usb_loader/</a>	
Info-Zip	3.0	Info-ZIP Updated License	<a href="http://www.info-zip.org/pub/infozip/Zip.html">http://www.info-zip.org/pub/infozip/Zip.html</a>	
iperf	2.0.5	Iperf License	<a href="http://sourceforge.net/projects/iperf/">http://sourceforge.net/projects/iperf/</a>	
IPTables	1.4.21	GNU General Public License v2.0 or later	<a href="http://www.netfilter.org/">http://www.netfilter.org/</a>	
ISC DHCP	4.1.2	ISC License	<a href="http://www.isc.org/software/dhcp/">http://www.isc.org/software/dhcp/</a>	
iw-ct	3.14	ISC License	<a href="http://github.com/greearb/iw-ct/">http://github.com/greearb/iw-ct/</a>	
jquery	Unspecified	MIT License	<a href="http://github.com/jquery/jquery/">http://github.com/jquery/jquery/</a>	
keyutils	1.5.9	GNU General Public License v2.0 or later	<a href="http://people.redhat.com/~dhowells/keyutils/">http://people.redhat.com/~dhowells/keyutils/</a>	



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Kmod_Linux	22	GNU General Public License v2.0 or later	<a href="https://github.com/lucasdemarchi/kmod">https://github.com/lucasdemarchi/kmod</a>	
Less	443	Less License	<a href="http://www.greenwoodsoftware.com/less/">http://www.greenwoodsoftware.com/less/</a>	
Lib Cap	2.24	BSD 3-clause "New" or "Revised" License	<a href="http://sites.google.com/site/fullycapable/">http://sites.google.com/site/fullycapable/</a>	
libboost	Unspecified	Boost Software License 1.0		
libbtserviceapi	Unspecified	Unspecified		
libbtserviceapi	Unspecified	Robert Bosch Proprietary		
libetrace	Unspecified	Robert Bosch Proprietary		
libffi	3.2.1	Libffi License	<a href="http://sourceware.org/libffi/">http://sourceware.org/libffi/</a>	
libgcrypt	Unspecified	GNU Lesser General Public License v2.1 or later	<a href="http://www.gnupg.org">http://www.gnupg.org</a>	
libgcrypt_GPL	1.7.6	GNU General Public License v2.0 or later	<a href="https://github.com/ShiftMediaProject/libgcrypt/tree/libgcrypt-1.7.6">https://github.com/ShiftMediaProject/libgcrypt/tree/libgcrypt-1.7.6</a>	
Libgpg-error Lib	1.20	GNU Lesser General	<a href="http://www.gnupg.org/">http://www.gnupg.org/</a>	

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		Public License v2.1 or later		
libgudev	230	GNU Library General Public License v2 or later	<a href="https://wiki.gnome.org/Projects/libgudev">https://wiki.gnome.org/Projects/libgudev</a>	
libmnl	Unspecified	GNU Lesser General Public License v2.1 or later	<a href="http://www.netfilter.org/projects/libmnl/">http://www.netfilter.org/projects/libmnl/</a>	
libmount	Unspecified	GNU Lesser General Public License v2.1 or later	<a href="https://github.com/karelzak/util-linux/tree/master/libmount">https://github.com/karelzak/util-linux/tree/master/libmount</a>	
libndp	libndp_test1	GNU Lesser General Public License v2.1 or later	<a href="http://libndp.org/">http://libndp.org/</a>	
libnftnl	Unspecified	GNU General Public License v2.0 or later	<a href="http://www.netfilter.org/projects/libnftnl/">http://www.netfilter.org/projects/libnftnl/</a>	
libnl - Netlink Library	3.2.25	GNU Lesser General Public License v2.1 or later	<a href="http://www.infradead.org/~tgr/libnl/">http://www.infradead.org/~tgr/libnl/</a>	
libnl - Netlink Library	1.1	GNU Lesser General	<a href="http://www.infradead.org/~tgr/libnl/">http://www.infradead.org/~tgr/libnl/</a>	

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liboil	0.3.16	BSD 2-clause "Simplified" License	<a href="http://liboil.freedesktop.org/wiki/">http://liboil.freedesktop.org/wiki/</a>	
libsmartcols	Unspecified	GNU Lesser General Public License v2.1 or later	<a href="https://github.com/karelzak/util-linux/tree/master/libsmartcols">https://github.com/karelzak/util-linux/tree/master/libsmartcols</a>	
libsocketcan	0.0.10	GNU Lesser General Public License v2.1 or later	<a href="http://www.pengutronix.de/software/libsocketcan/download/">http://www.pengutronix.de/software/libsocketcan/download/</a>	
Libtasn1	3.2	GNU Lesser General Public License v2.1 or later	<a href="http://www.gnu.org/software/libtasn1/">http://www.gnu.org/software/libtasn1/</a>	
libtopas_test	Unspecified	Robert Bosch Proprietary		
libtopasapidtsi	Unspecified	Robert Bosch Proprietary		
libusb	1.0.18	GNU Lesser General Public License v2.1 or later	<a href="http://sourceforge.net/projects/libusb/">http://sourceforge.net/projects/libusb/</a>	
libuuid	Unspecified	BSD 3-clause "New"	<a href="https://github.com/karelzak/util-linux/tree/master/libuuid">https://github.com/karelzak/util-linux/tree/master/libuuid</a>	

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		or "Revised" License		
libvehiclenetwork	Unspecified	Robert Bosch Proprietary		
libxml2	2.9.4	MIT License	<a href="http://xmlsoft.org/">http://xmlsoft.org/</a>	
libzip	1.0.1	BSD 3-clause "New" or "Revised" License	<a href="http://www.nih.at/libzip/">http://www.nih.at/libzip/</a>	
Linux Kernel	4.0.9	GNU General Public License v2.0 only	<a href="http://www.kernel.org/">http://www.kernel.org/</a>	
Linux Kernel	4.0.9	GNU General Public License v2.0 only	<a href="http://www.kernel.org/">http://www.kernel.org/</a>	
Logging Framework for C++	1.1.2	Apache License 2.0	<a href="http://sourceforge.net/projects/log4cplus/">http://sourceforge.net/projects/log4cplus/</a>	
Logging Framework for C++	1.1.2	Apache License 2.0	<a href="http://sourceforge.net/projects/log4cplus/">http://sourceforge.net/projects/log4cplus/</a>	
Logrotate Utility	3.9.1	GNU General Public License v2.0 or later	<a href="https://fedorahosted.org/logrotate/">https://fedorahosted.org/logrotate/</a>	
lrzsz	0.12.20	GNU General Public License v2.0 or later	<a href="http://www.ohse.de/uwe/software/lrzsz.html">http://www.ohse.de/uwe/software/lrzsz.html</a>	

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ltmain.sh	Unspecified	GNU General Public License v2.0 or later	<a href="http://www.gnu.org">http://www.gnu.org</a>	
luafilesystem	v_1_6_3	MIT License	<a href="http://github.com/keplerproject/luafilename/">http://github.com/keplerproject/luafilename/</a>	
Minicom	2.6.2	GNU General Public License v2.0 or later	<a href="http://alioth.debian.org/projects/minicom/">http://alioth.debian.org/projects/minicom/</a>	
mtd-utils	1.5.2	GNU General Public License v2.0 or later	<a href="http://git.infradead.org/mtd-utils.git">http://git.infradead.org/mtd-utils.git</a>	
ncurses	5.9	X11 License	<a href="https://www.gnu.org/software/ncurses/ncurses.html">https://www.gnu.org/software/ncurses/ncurses.html</a>	
Nettle	2.7.1	GNU Lesser General Public License v2.1 or later	<a href="http://www.lysator.liu.se/~nisse/nettle/">http://www.lysator.liu.se/~nisse/nettle/</a>	
NYS_Library	Unspecified	GNU Library General Public License v2 or later	<a href="https://github.com/stevenylai/ralink_sdk/blob/master/source/user/eatables-v2.0.9-2/getethertype.c">https://github.com/stevenylai/ralink_sdk/blob/master/source/user/eatables-v2.0.9-2/getethertype.c</a>	
OpenSSH	7.1p2	BSD 2-clause "Simplified" License	<a href="http://www.openssh.com/portable.html">http://www.openssh.com/portable.html</a>	
OpenSSL	1.0.2e	OpenSSL Combined License	<a href="http://www.openssl.org/">http://www.openssl.org/</a>	
opkg	0.3.0	GNU General	<a href="https://git.yoctoproject.org/cgit/cgit.cgi/opkg/">https://git.yoctoproject.org/cgit/cgit.cgi/opkg/</a>	

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		Public License v2.0 or later		
PCRE	8.32	PCRE 5 License	<a href="http://sourceforge.net/projects/pcre/">http://sourceforge.net/projects/pcre/</a>	
PCSC Lite	Unspecified	BSD 3-clause "New" or "Revised" License	<a href="http://pcsc-lite.alioth.debian.org/">http://pcsc-lite.alioth.debian.org/</a>	
Popt	1.15	X11 License	<a href="http://freshmeat.net/projects/popt/">http://freshmeat.net/projects/popt/</a>	
ppp - Pauls PPP Package	Unspecified	GNU General Public License v2.0 or later	<a href="http://ppp.samba.org/ppp/index.html">http://ppp.samba.org/ppp/index.html</a>	
ppp - Pauls PPP Package	2.4.7	GNU General Public License v2.0 or later	<a href="https://ppp.samba.org/index.html">https://ppp.samba.org/index.html</a>	
protobuf	2.5.0	BSD 3-clause "New" or "Revised" License	<a href="http://code.google.com/p/protobuf/">http://code.google.com/p/protobuf/</a>	
ReadLine Front-End	Unspecified	GNU General Public License v2.0 or later	<a href="https://github.com/issue/readline/tree/master/examples/rife">https://github.com/issue/readline/tree/master/examples/rife</a>	
rsync	2.6.9	GNU General Public License v2.0 or later	<a href="http://samba.anu.edu.au/rsync/">http://samba.anu.edu.au/rsync/</a>	
S Trace	4.10	BSD 3-clause	<a href="http://sourceforge.net/projects/strace/">http://sourceforge.net/projects/strace/</a>	

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		"New" or "Revised" License		
siphash	Unspecified	Public Domain	<a href="http://github.com/dchest/siphash/">http://github.com/dchest/siphash/</a>	
smhasher	3090200	Public Domain	<a href="http://code.google.com/p/smhasher/">http://code.google.com/p/smhasher/</a>	
SQLite	3090200	Public Domain	<a href="http://www.hwaci.com/sw/sqlite/index.html">http://www.hwaci.com/sw/sqlite/index.html</a>	
squashfs-tools	4.3	GNU General Public License v2.0 or later	<a href="http://github.com/plougher/squashfs-tools/">http://github.com/plougher/squashfs-tools/</a>	
systemd	228	GNU Lesser General Public License v2.1 or later	<a href="http://freedesktop.org/wiki/Software/systemd/">http://freedesktop.org/wiki/Software/systemd/</a>	
Tiny Asynchronous DNS lookup library	Unspecified	Beerware License	<a href="http://sourceforge.net/projects/adns/">http://sourceforge.net/projects/adns/</a>	
TLSF	1.9	Public Domain	<a href="http://tlsf.baisoku.org">http://tlsf.baisoku.org</a>	
UBIFS	Unspecified	GNU General Public License v2.0 or later	<a href="http://www.linux-mtd.infradead.org/doc/ubifs.html">http://www.linux-mtd.infradead.org/doc/ubifs.html</a>	
uClibc - A C Library for Embedded Linux	0.9.30.3	GNU Lesser General Public License v2.1 or later	<a href="http://www.uclibc.org/">http://www.uclibc.org/</a>	
USB Utils	007	GNU General Public License v2.0 or later	<a href="https://www.kernel.org/pub/linux/utils/usb/usbutils/">https://www.kernel.org/pub/linux/utils/usb/usbutils/</a>	

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USB-DFU	1.0	GNU General Public License v2.0 or later	<a href="http://www.usb.org/home">http://www.usb.org/home</a>	
usbnet	Unspecified	GNU Lesser General Public License v2.1 or later	<a href="http://www.linux-usb.org/usbnet/">http://www.linux-usb.org/usbnet/</a>	
Util-Linux	2.27.1	GNU General Public License v2.0 or later	<a href="http://freshmeat.net/projects/util-linux/">http://freshmeat.net/projects/util-linux/</a>	
util-unix-ng	Unspecified	GNU General Public License v2.0 or later	<a href="http://userweb.kernel.org/~kzak/util-linux-ng/">http://userweb.kernel.org/~kzak/util-linux-ng/</a>	
Wide_Project	Unspecified	BSD 3-clause "New" or "Revised" License	<a href="http://www.wide.ad.jp/index.html">http://www.wide.ad.jp/index.html</a>	
wireless-tools	30	GNU General Public License v2.0 or later	<a href="http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html">http://www.hpl.hp.com/personal/Jean_Tourrilhes/Linux/Tools.html</a>	
wpa_supplicant - IEEE 802.1X, WPA, WPA2, RSN, IEEE 802.11i	2.5	BSD 3-clause "New" or "Revised" License	<a href="http://hostap.epitest.fi/wpa_supplicant/">http://hostap.epitest.fi/wpa_supplicant/</a>	
XZ Utils	5.0.4	Public Domain	<a href="http://tukaani.org/xz/">http://tukaani.org/xz/</a>	



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yajl	Unspecified	ISC License	<a href="http://github.com/lloyd/yajl/">http://github.com/lloyd/yajl/</a>	
yajl	2.1.0	ISC License	<a href="http://github.com/lloyd/yajl/">http://github.com/lloyd/yajl/</a>	
zlib	1.2.8,1.1.3	zlib License	<a href="http://www.zlib.net">http://www.zlib.net</a>	

### 3.8 Supplier: Nuance

Supplier: Nuance				
Component	Version	License	Home Page	Copyright
PCRE		BSD 3-Clause "New" or "Revised" License		

### 3.9 Supplier : OMRON

Supplier: OMRON				
Component name	Version	License	Homepage	Copyright
SimString	1	The BSD license	<a href="http://www.chokkan.org/software/simstring/">http://www.chokkan.org/software/simstring/</a>	Copyright (c) 2009,2010 Naoaki Okazaki All rights reserved.

### 3.10 Supplier : Real\_VNC\_3\_2


Supplier: Real_VNC_3_2				
Component name	Version	License	Homepage	Copyright
aclocal and pkg.m4	aclocal 1.11.1	Free Software Foundation - MIT Style License GPL2.0+ wih Autoconf exception		Copyright © 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 FreeSoftware Foundation, Inc. Copyright © 2004 Scott James Remnant < <a href="mailto:scott@netsplit.com">scott@netsplit.com</a> >.

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AES		Brian Gladman 3-Clause License or GPL		Copyright © 2003 Dr Brian Gladman, Worcester, UK.
Android Support Libraries	19.0.0	Apache License 2.0		Copyright (c) 2005-2008, The Android Open Source Project
ath9k_faf1dc64_backport.patch		GNU General Public License v2.0 or later		Copyright © 2014 Rajkumar Manoharan.
axTLS (SHA1 only)	1.1.8	BSD 3-Clause "New" or "Revised" License		Copyright © 2007 Cameron Rich. See section 7.7.1
Base64.java	2.3.7	Public domain	<a href="http://iharder.sourceforge.net/current/java/base64">http://iharder.sourceforge.net/current/java/base64</a>	
compat-wireless	1027gd46416c-p	GNU General Public License v2.0 or later		
EAX		Brian Gladman License		Copyright © 1998-2010 Dr Brian Gladman, Worcester, UK.
Endian		Brian Gladman 3-Clause License		Copyright © 2003 Dr Brian Gladman, Worcester, UK.
expat	2.0.1	MIT License		Copyright © 1998,1999, 2000 Thai Open Source Software center Ltd and Clark Cooper. Copyright © 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.
ExtractMpeg FramesTest.java		Apache License 2.0	<a href="http://bigflake.com/mediacodec/ExtractMpegFramesTest.java.txt">http://bigflake.com/mediacodec/ExtractMpegFramesTest.java.txt</a>	Copyright 2013, The Android Open Source Project
FreeType	2.5.5	FreeType Project license	<a href="http://www.freetype.org">www.freetype.org</a>	Portions of this software are copyright © 2006 The FreeType Project

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gcc libstdc++	4.1.2 4.4.5	GNU General Public License v2.0 or later	<a href="http://gcc.gnu.org/libstdc++">http://gcc.gnu.org/libstdc++</a>	Copyright © 1994 to 2009 Free Software Foundation, Inc.
Internal Android OS APIs	android2.3.3_ r1 android4.0.1_ r1 android4.1.1_ r1 android4.2.1_ r1 android4.3_r1 android4.4_r1	Apache License 2.0		Copyright 2005-2013, The Android Open Source Project
JRTPLIB	3.9.1	MIT License	<a href="http://research.edm.uhasselt.be/~jori/">http://research.edm.uhasselt.be/~jori/</a> .	
JThread	1.3.1	MIT License	<a href="http://research.edm.uhasselt.be/~jori/">http://research.edm.uhasselt.be/~jori/</a> .	Copyright © 1999-2011 Ross Bencina and Phil Burk
keysymdef		MIT open group variant license Digital equipment license	/main/28	Copyright © 1987, 1994, 1998 The Open Group. Copyright © 1987 by Digital Equipment Corporation, Maynard, Massachusetts.
libjpegturbo	1.2.1	libjpeg license	<a href="http://sourceforge.net/projects/libjpegturbo/">http://sourceforge.net/projects/libjpegturbo/</a> .	Copyright © 1991-2011 Thomas G. Lane, Guido Vollbeding, Pierre Ossman for Cendio AB, and D. R. Commander
libpng	1.2.52	libpng license		Copyright © 2004 and 2006- 2014 Glenn Randers- Pehrson
LibTomCrypt	1.16	Public domain	<a href="http://libtom.org">http://libtom.org</a>	
LibTomMath	0.39	Public domain	<a href="http://libtom.org">http://libtom.org</a>	
libudev	142 and 150	GNU Lesser General Public License v2.1 or later	<a href="http://www.kernel.org/pub/linux/utils/kernel/hotplug">http://www.kernel.org/pub/linux/utils/kernel/hotplug</a> .	Copyright © 2008-2010 Key Sievers <key.sievers@vrfy.org> Copyright © 2009 Alan Jenkins <alanjenkins@tuffmail.co.uk>
libupnp (pupnp)	1.6.19	BSD 3- Clause		Copyright (c) 2000-2003 Intel Corporation.

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		"New" or "Revised" License		Copyright (c) 2005-2006 Rémi Turbault <r3mi@users.sourceforge.net> Copyright (c) 2006 Michel Pfeiffer and others <virtual_worlds@gmx.de>. Copyright (c) 2011-2012 France Telecom.
libusb	1	GNU Lesser General Public License v2.1 or later		
libusbx	1.0.12	GNU Lesser General Public License v2.1 or later		Copyright © 2001 Johannes Erdfelt <johannes@erdfelt.com> Copyright © 2007-2009 Daniel Drake <dsd@gentoo.org> Copyright © 2008-2011 Nathan Hjelm <hjelmn@users.sourceforge.net> Copyright © 2009-2012 Pete Batard <pete@akeo.ie> Copyright © 2010-2012 Michael Plante <michael.plante@gmail.com> Copyright © 2011-2012 Hans de Goede <hdegoede@redhat.com> Copyright © 2012 Martin Pieuchot <mpi@openbsd.org> Copyright (C) 1994, 1995, 1996, 1999, 2000, 2001, 2002, 2004, 2005, 2006 Free Software Foundation, Inc.
libxml2	2.9.1	MIT License		Copyright © 1998-2012 Daniel Veillard
libzip	0.9	Free Software Foundation		Copyright © 1999-2008 Dieter Baron and Thomas Klausner Copyright © 1994, 1995,

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				1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 Free Software Foundation, Inc Copyright © 1987, 1993 The Regents of the University of California
LodePNG	20141130	Zlib license		Copyright © 2005-2014 Lode Vandevenne.
miniupnpc	1.5	Zlib license		Copyright © 2005-2009 and 2005-2011 Thomas Bernard
miniupnpc	1.5	BSD 3- Clause "New" or "Revised" License		Copyright © 2005-2009 and 2005-2011 Thomas Bernard. See section 7.1.20
mxcfb.h		GNU Lesser General Public License v2.1 or later		Copyright 2004-2010 Freescale Semiconductor Inc. All rights reserved.
OpenSSL	0.9.8zf	The OpenSSL Project license		Copyright © 1998-2011 The OpenSSL Project. See section 7.1.3.1. Copyright © 1995-1998 Eric Young. See section 7.1.3.2.
portaudio	19	MIT	<a href="http://www.portaudio.com/">http://www.portaudio.com/</a> .	Copyright © 1999-2011 Ross Bencina and Phil Burk.
portaudio	19	MIT License	<a href="http://www.portaudio.com/">http://www.portaudio.com/</a> .	Copyright © 1999-2011 Ross Bencina and Phil Burk.
pythonpsutil_2.1.3.bb	FSL Community BSP 1.6 (Daisy)	MIT license		Copyright © 2012-2014 Otavio Salvador.
Qt libraries	ARM builds: 4.7.1. Non-ARM builds: 4.6.2.	GNU Lesser General Public License v2.1 or later		Copyright © 2009-2011 Nokia Corporation and/or its subsidiary(-ies). Nokia, Qt and their respective logos are trademarks of Nokia Corporation in Finland and/or other countries worldwide.
SHA	38969	Dr Brian Gladman license Cameron		Copyright © 2002 Dr Brian Gladman, Worcester, UK

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wpa_suppllicant	2.3	BSD 3-Clause "New" or "Revised" License		Copyright © 2002-2014 Jouni Malinen and contributors.
X Windows	XFree86 1.9	The Open group license Digital Equipment cooperation license Digital Equipment Corporation - Panoramix components		Copyright © 1987, 1988, 1989, 1998 The Open Group. See section 7.1.1.1. Copyright © 1987, 1988, 1989 Digital Equipment Corporation, Maynard, Massachusetts. See section 7.1.1.2. Copyright © 1991, 1997 Digital Equipment Corporation, Maynard, Massachusetts. See section 7.1.1.3
Zlib	1.1.4	Zlib license		Copyright © 1995-2002 Jean-loup Gailly and Mark Adler. See section 7.1.2.
Zlib	1.2.3	Zlib license		Copyright © 1995-2005 Jean-Loup Gailly and Mark Adler.

### 3.11 Supplier : Redbend\_SWM


Supplier: Redbend_SWM				
Component	Version	License	Home Page	Copyright
action	0.1.1	Apache License 2.0	<a href="http://repo1.maven.org/maven2/com/nin-g/metrics/action/">http://repo1.maven.org/maven2/com/nin-g/metrics/action/</a>	
Android - platform - dalvik	2.1_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - frameworks - base	4.0.1_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - prebuilts - sdk	4.4_r1	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android SDK Support Libraries	19	Apache License 2.0	<a href="https://developer.android.com/tools/support-library/index.html">https://developer.android.com/tools/support-library/index.html</a>	
Android SDK Support Libraries	23.1.1	Apache License 2.0	<a href="https://developer.android.com/tools/support-library/index.html">https://developer.android.com/tools/support-library/index.html</a>	
Drools :: Scorecards	5.5.0.Final	Apache License 2.0	<a href="http://mirrors.ibiblio.org/maven2/org/drools/droolsscorecards/">http://mirrors.ibiblio.org/maven2/org/drools/droolsscorecards/</a>	
mongolduu	master-20121109	Apache License 2.0	<a href="http://github.com/tugstugi/mongolduu/">http://github.com/tugstugi/mongolduu/</a>	

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Stan-for-Android	0.1.0	Apache License 2.0	<a href="http://github.com/La bel305/Stan-forAndroid/">http://github.com/La bel305/Stan-forAndroid/</a>	
doT	1.0.1	MIT License	<a href="http://github.com/ola do/doT/">http://github.com/ola do/doT/</a>	
jquery	2.0.3	MIT License	<a href="http://github.com/jqu ery/jquery/">http://github.com/jqu ery/jquery/</a>	
jquery_mobile_rails	1.3.2	MIT License	<a href="http://rubygems.org/gems/jquery_mobile_rails">http://rubygems.org/gems/jquery_mobile_rails</a>	
SafeSlinger-Android	1.8.3-messenger	MIT License	<a href="http://github.com/Sa feSlingerProject/Saf eSlinger-Android/">http://github.com/Sa feSlingerProject/Saf eSlinger-Android/</a>	
OpenSSL	Generic Version	OpenSSL Combined License	<a href="http://www.openssl.org/">http://www.openssl.org/</a>	
CRC32 MIT.edu	Generic Version	Public Domain	<a href="http://web.mit.edu/">http://web.mit.edu/</a>	
SHA-1 in C	9/1/2001	Public Domain	<a href="http://www.mirrors.w iretapped.net/securit y/cryptography/hash es/sha1">http://www.mirrors.w iretapped.net/securit y/cryptography/hash es/sha1</a>	
SyncML C Toolkit	4.0.3	SyncML License	<a href="http://sourceforge.n et/projects/syncmlctoolkit/">http://sourceforge.n et/projects/syncmlctoolkit/</a>	

### 3.12 Supplier : Redbend

Supplier: Redbend				
Component	Version	License	Home Page	Copyright
7 Zip - LZMA SDK	9.2	Public Domain	<a href="http://www.7-zip.org/sdk.html">http://www.7-zip.org/sdk.html</a>	
7 Zip - LZMA SDK	4.01	Public Domain.	<a href="http://sourceforge.net/projects/sevenzip/">http://sourceforge.net/projects/sevenzip/</a>	
Android - platform - bootable - recovery	4.2	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
Android - platform - system - core	4.2	Apache License 2.0	<a href="http://developer.android.com/index.html">http://developer.android.com/index.html</a>	
bsdifff	4.3	BSDiff license	<a href="http://github.com/geraldonetto/bsdifff/">http://github.com/geraldonetto/bsdifff/</a>	
CMarkup	11.05	Acquired CMarkup Developer License	<a href="http://www.firstobject.com/dn_markup.htm">http://www.firstobject.com/dn_markup.htm</a>	
CRC table (Autogen)	Has no version number	Public Domain	<a href="http://en.wikipedia.org/wiki/Cyclic_redundancy_check">http://en.wikipedia.org/wiki/Cyclic_redundancy_check</a>	
Filesystem in Userspace	2.8.5	BSD 2-clause "Simplified" License	<a href="http://sourceforge.net/projects/fuse/">http://sourceforge.net/projects/fuse/</a>	
Filesystem in Userspace	2.9.3	GNU Lesser General Public License v2.1 or later	<a href="http://sourceforge.net/projects/fuse/">http://sourceforge.net/projects/fuse/</a>	

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FreeBSD	2.2.2	BSD 4-clause "Original" or "Old" License	<a href="http://www.freebsd.org">http://www.freebsd.org</a>	
Freescale Semiconductor CodeWarrior Development Studio for MPC55xx/MPC56xx	2.10 special edition	Commercial license		
GNU C Library - glibc	2.2.4	GNU Lesser General Public License v2.1 or later	<a href="http://www.gnu.org/software/libc/libc.html">http://www.gnu.org/software/libc/libc.html</a>	
Lawicel CAN USB sample code	0.1.8	Lawicel CAN USB sample code license	<a href="http://www.can232.com/?page_id=75">http://www.can232.com/?page_id=75</a>	
libdivsufsort	2.0.0	MIT License	<a href="http://code.google.com/p/libdivsufsort/">http://code.google.com/p/libdivsufsort/</a>	
lz4	94	BSD 2-clause "Simplified" License	<a href="http://code.google.com/p/lz4/">http://code.google.com/p/lz4/</a>	
LZO real-time data compression library	2.04	Acquired commercial license	<a href="http://www.oberhumer.com/opensource/lzo/">http://www.oberhumer.com/opensource/lzo/</a>	
MSDN Sample Code	vs.85	Microsoft Limited Public License (Ms-LPL)	<a href="http://msdn.microsoft.com/en-US/windows/">http://msdn.microsoft.com/en-US/windows/</a>	
NetBSD	6	BSD 3-clause "New" or "Revised" License	<a href="http://www.netbsd.org/">http://www.netbsd.org/</a>	
UCL Data Compression Library	1.03	Acquired commercial license	<a href="http://www.oberhumer.com/opensource/ucl/">http://www.oberhumer.com/opensource/ucl/</a>	
XMLFoundation	Apr-14	MIT License	<a href="http://xmlfoundation.codeplex.com/">http://xmlfoundation.codeplex.com/</a>	
zlib	1.2.3	zlib License	<a href="http://www.zlib.net">http://www.zlib.net</a>	

### 3.13 Supplier : Teseo

Supplier: Teseo				
Component name	Version	License	Homepage	Copyright
FATFS				



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### 3.14 Supplier : SK\_telecom

Supplier: SK_telecom				
Component name	Version	License	Homepage	Copyright
aladdin-md5	Unspecified	zlib License	<a href="https://opensource.apple.com/source/cups/cups-30/cups/md5.h.auto.html">https://opensource.apple.com/source/cups/cups-30/cups/md5.h.auto.html</a>	Copyright (C) 1999 Aladdin Enterprises
Alsa Libraries	Unspecified	GNU Lesser General Public License v2.1 or later	<a href="http://www.alsa-project.org/">http://www.alsa-project.org/</a>	
Android - platform - frameworks - base	android-7.0.0_r1	Apache License 2.0	<a href="https://android.googlesource.com/platform/frameworks/base">https://android.googlesource.com/platform/frameworks/base</a>	(C) 2015 The Android Open Source Project
Android - platform - frameworks - base	Unspecified	Apache License 2.0	<a href="https://android.googlesource.com/platform/frameworks/base">https://android.googlesource.com/platform/frameworks/base</a>	
Anti-Grain Geometry	Unspecified	Anti-Grain Geometry Public License	<a href="http://sourceforge.net/projects/vector-agg/">http://sourceforge.net/projects/vector-agg/</a>	Copyright (C) 2002-2005 Maxim Shemanarev
Boost C++ Libraries - boost	Unspecified	Boost Software License - Version 1.0	<a href="http://boost.org/">http://boost.org/</a>	
Code Project - C++ Memory Pool	1	The Code Project Open License (CPOL) 1.02	<a href="http://www.codeproject.com/KB/cpp/MemoryPool.aspx">http://www.codeproject.com/KB/cpp/MemoryPool.aspx</a>	
Curl and Libcurl	Unspecified	curl License	<a href="http://github.com/curl/curl/">http://github.com/curl/curl/</a>	Copyright (C) 1998 - 2011, Daniel Stenberg
gecko-dev	Unspecified	BSD 3-clause "New" or "Revised" License	<a href="http://github.com/mozilla/gecko-dev/">http://github.com/mozilla/gecko-dev/</a>	(C) 2002 Jean-Marc Valin
gpclib	Unspecified	Commercial License	<a href="http://github.com/rdpeng/gpclib/">http://github.com/rdpeng/gpclib/</a>	Copyright: (C) 1997-2004, Advanced Interfaces Group, University of Manchester.
GSM 06.10 Lossy Speech Compression	Unspecified	GSM License	<a href="http://kbs.cs.tu-berlin.de/~jutta/toast.html">http://kbs.cs.tu-berlin.de/~jutta/toast.html</a>	Copyright 1992, 1993, 1994 by Jutta Degener and Carsten Bormann
GStreamer	Unspecified	GNU Library General Public License v2 or later	<a href="http://gstreamer.freedesktop.org/modules/">http://gstreamer.freedesktop.org/modules/</a>	
jsoncpp	Unspecified	Public Domain or MIT	<a href="http://sourceforge.net/projects/jsoncpp/">http://sourceforge.net/projects/jsoncpp/</a>	Copyright (c) 2007-2010 by Baptiste Lepilleur and The JsonCpp Authors,

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libogg	Unspecified	BSD 3-clause "New" or "Revised" License	<a href="http://xiph.org/ogg/">http://xiph.org/ogg/</a>	Copyright (c) 2002, Xiph.org Foundation
libxml2	Unspecified	MIT license	<a href="http://xmlsoft.org/">http://xmlsoft.org/</a>	
OpenGL-Examples	master - 20141123	zlib License	<a href="http://github.com/progschj/OpenGL-Examples/">http://github.com/progschj/OpenGL-Examples/</a>	Copyright (c) 2012 Jakob Progsch
OpenSSL	1.0.2	OpenSSL Combined License	<a href="http://www.openssl.org">http://www.openssl.org</a>	
Opus	Unspecified	BSD 3-clause "New" or "Revised" License	<a href="http://opus-codec.org">http://opus-codec.org</a>	Copyright (c) 2007-2008 CSIRO Copyright (c) 2007-2010 Xiph.Org Foundation Copyright (c) 2008 Gregory Maxwell
pkgconf	Unspecified	ISC License	<a href="http://github.com/pkgconf/pkgconf/">http://github.com/pkgconf/pkgconf/</a>	Copyright (c) 1998 Todd C. Miller
pugixml	Unspecified	MIT license	<a href="http://pugixml.org/">http://pugixml.org/</a>	Copyright (c) 2006-2018 Arseny Kapoulkine
PVRTC Library	Unspecified	Unspecified	<a href="https://www.imgtec.com/developers/powervr-sdk-tools/installers/">https://www.imgtec.com/developers/powervr-sdk-tools/installers/</a>	
SDL	2	zlib License	<a href="http://www.libsdl.org/index.php">http://www.libsdl.org/index.php</a>	Copyright (C) 1997-2016 Sam Lantinga
SDL_gfx	Unspecified	zlib License	<a href="http://sourceforge.net/projects/sdlgfx/">http://sourceforge.net/projects/sdlgfx/</a>	
Speex	1.2beta2 dev	BSD 3-clause "New" or "Revised" License	<a href="http://www.speex.org/">http://www.speex.org/</a>	
SQLite	Unspecified	Public domain	<a href="http://www.sqlite.org/">http://www.sqlite.org/</a>	
Sunrise/set calculator	Unspecified	Public domain	<a href="https://stjarnhimlen.se/comp/sunriset.c">https://stjarnhimlen.se/comp/sunriset.c</a>	
tiny-AES128-C	20141218	Public domain	<a href="http://github.com/kokke/tiny-AES128-C/">http://github.com/kokke/tiny-AES128-C/</a>	
wosh	Unspecified	BSD 3-clause "New" or "Revised" License	<a href="http://code.google.com/p/wosh/">http://code.google.com/p/wosh/</a>	Copyright (C) 2002 Michael Ringgaard. All rights reserved.
zlib	1.2.11	zlib License	<a href="http://www.zlib.net/">http://www.zlib.net/</a>	

### 3.15 Node Modules Components

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Sl. No.	Name of OSS Component	Version of OSS Component	Name and Version of License (License text can be found in Appendix below)	More Information
1.	Acl	2.2.53-4co1bv2019.0b1	<b>LGPL-2.1+</b> <u>Other licenses:</u> FSF Public-domain X11 GPL V3 or later with autoconf exception GNU Libtool GPL V3 or later with exception	Copyright © 2011 Andreas Gruenbacher Copyright 1992-2018 Free Software Foundation, Inc. Copyright © 2018 Silicon Graphics, Inc.
2.	Apertis pro-archiving	0.2rb1bv2020.0b1	<b>GPL-2.0+</b>	Copyright: 2012 RBEI Ltd.
3.	Apparmor	2.13.2-10co2bv2020preb3	<b>GPL-2.0</b> <u>Other licenses:</u> LGPL-2.1 Public-domain X11 MIT GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception FSFAP FSFUL BSD-3-Clause	Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) Christian Boltz 2018 Copyright (c) 2017 SUSE LINUX GmbH, Nuernberg, Germany. Copyright (c) 2017 Rosetta Contributors and Canonical Ltd 2017 Copyright (c) 2009 Dulmandakh Sukhbaatar Copyright (c) 2008 Dominic Reynolds. Copyright (c) 2006 SUSE Linux Products GmbH, Nuernberg, Germany. Copyright (c) 2006 Novell, Inc. All Rights Reserved. Copyright (c) 1999, 2000, 2001, 2002, 2003 2004, 2005, 2006, 2007 NOVELL (All rights reserved) Copyright (C) 2013 Kshitij Gupta Copyright (C) 2009 John Dong Copyright (C) 2009 Dulmandakh Sukhbaatar Copyright (C) 2007 Andreas Gruenbacher Copyright (C) 2006 Volker Kuhlmann Copyright (C) 2006 SuSE Linux Products GmbH, Nuernberg Copyright (C) 1994 X Consortium Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.
4.	Attr	2.4.48-4co1bv2019.0b1	<b>LGPL-2.1+</b> <u>Other licenses:</u> GPL-2.0+	Copyright (C) 2007 Andreas Gruenbacher <a.gruenbacher@computer.org>

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			FSF Public-domain X11	Copyright 1992-2018 Free Software Foundation, Inc. Copyright (c) 2001-2003,2005 Silicon Graphics, Inc. All Rights Reserved. Copyright (C) 2015 Dmitry V. Levin Copyright (C) 2008 Petr Pizar Copyright (C) 2007 Antonio Trueba Copyright (C) 2005 Guilhelm Panaget Copyright (C) 2004-2015 Free Software Foundation, Inc. Copyright (C) 2004, 2005 Jakub Bogusz Copyright (C) 2004 Luk Claes Copyright (C) 1994 X Consortium Copyright (C) 1995-1997, 2000-2007, 2009-2010 by Ulrich Drepper
5.	Audit	2.8.4-3bv2020preb2	<b>GPL-2.0 only</b> <b>LGPL-2.1 only</b> <u>Other licenses:</u> X11 Public-domain MIT GPL-2.0+-with-libtool-exception GPL V2 or later with autoconf exception GPL V3 or later with autoconf exception GNU Libtool GPL V3 or later with exception FSFUL	<b>Dual License - GPI v2 or later &amp; BSD - 2 Clause</b>  Copyright 2014,2016,2017 Red Hat Inc., Durham, North Carolina. Copyright 2008 FUJITSU Inc. Copyright 2005-18 Steve Grubb Copyright 1992-2017 Free Software Foundation, Inc. Copyright (©) 2011 Emanuele Giaquinta All rights reserved. Copyright (©) 2009-2015 Marc Alexander Lehmann Copyright (c) 2015 Steve Grubb sgrubb@redhat.com Copyright (c) 2011 IBM Corp. All Rights Reserved. Copyright (C) 1994 X Consortium
6.	base-files	10.3+deb10u3co4~v2020.0bv2020.0b1	<b>GPL-2.0+</b> <u>Other licenses:</u> MPL-2.0 LGPL-2.1+ LGPL-2.0+ GFDL-1.3 CC0-1.0 BSD-3-Clause Artistic-1.0-Perl Apache-2.0 GPL-2.0+ GPL-1.0+	Copyright (C) 2000, 2001, 2002, 2007, 2008 Free Software Foundation, Inc.
7.	base-passwd	3.5.46co1bv2019.0b1	<b>GPL-2.0+</b> <u>Other licenses:</u> GPL-2.0	Copyright: Copyright 1999-2002 Wichert Akkerman Copyright 2007 David Mandelberg

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, 1 April 1989 Ty Coon, President of Vice

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2. I want to package these fonts separately for distribution and sale as part of a larger software package or system. Can I do so?

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3. Are derivative works allowed?

Yes!

4. Can I change or add to the font(s)?

Yes, but you must change the name(s) of the font(s).

5. Under what terms are derivative works allowed?

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6. If I have improvements for Bitstream Vera, is it possible they might get adopted in future versions?


Yes. The contract between the Gnome Foundation and Bitstream has provisions for working with Bitstream to ensure quality additions to the Bitstream Vera font family. Please contact us if you have such additions. Note, that in general, we will want such additions for the entire family, not just a single font, and that you'll have to keep both Gnome and Jim Lyles, Vera's designer, happy! To make sense to add glyphs to the font, they must be stylistically in keeping with Vera's design. Vera cannot become a "ransom note" font. Jim Lyles will be providing a document describing the design elements used in Vera, as a guide and aid for people interested in contributing to Vera.

7. I want to sell a software package that uses these fonts: Can I do so?

Sure. Bundle the fonts with your software and sell your software with the fonts. That is the intent of the copyright.

8. If applications have built the names "Bitstream Vera" into them, can I override this somehow to use fonts of my choosing?

This depends on exact details of the software. Most open source systems and software (e.g., Gnome, KDE, etc.) are now converting to use fontconfig (see [www.fontconfig.org](http://www.fontconfig.org)) to handle font configuration, selection and substitution; it has provisions for overriding font names and substituting alternatives. An example is provided by the supplied local.conf file, which chooses the family Bitstream Vera for "sans", "serif" and "monospace". Other software (e.g., the XFree86 core server) has other mechanisms for font substitution.

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CppSQLite3 - A C++ wrapper around the SQLite3 embedded database library.

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V3.0	03/08/2004	-Initial Version for sqlite3
V3.1	16/09/2004	-Implemented getXXXXField using sqlite3 functions -Added CppSQLiteDB3::tableExists()
V3.2	01/07/2005	-Fixed execScalar to handle a NULL result

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12/07/2007      -Added CppSQLiteDB::IsAutoCommitOn()  
-Added int64 functions to CppSQLite3Query  
-Added Name based parameter binding to CppSQLite3Statement.

V3.3              02/14/2019

-Added CppSQLite3Statement(\_\_sqlite3\* pDB, \_\_sqlite3\_stmt\* pVM);  
    CppSQLite3Statement::bind(int nParam, const sqlite\_int64 nValue);  
    CppSQLite3Statement::bind(int nParam, const uint64\_t nValue);  
    CppSQLite3Statement::Step()  
    CppSQLite3Statement::DoTransaction(const char \*str)  
    CppSQLite3Statement::BeginTransaction()  
    CppSQLite3Statement::CommitTransaction()  
    CppSQLite3Statement::RollbackTransaction()  
    CppSQLite3DB::getDB()  
    CppSQLite3DB::RestoreOrBackupDb() by OBIGO

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```
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```

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#
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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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Modified files

07/11/2019 Patched "(URL : <https://github.com/bdarnell/tornado/tree/cython>)" by OBIGO

- gen.py           Fix coroutines in cython-compiled code
- gen\_test.py     Add a compiler directive to get gen\_test (mostly) working when cythonized
- options.py      Work around cython incompatibilities in options.py
- options\_test.py  Work around cython incompatibilities in options.py
- util.py          Make ArgReplacer compatible with cython.
- web\_test.py     Also cythonize as many of the tests as possible.

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#### 4.104 zlib license

zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.4, March 14th, 2010

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