## **FLOSS - Free Libre & Open Source Software**

**Perception Software GEN Series Software** 

Version v8.54.0



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## Introduction

Besides a high degree of own developed software code, HBM has been using Free, Libre and Open Source Software (FLOSS) to realize all functions of the GHS Data Acquisition System and the accompying Perception PC software. The system basically consists of a mainframe (housing, power supply and backplane) with installed front panel or communication processor and an assembly of various connection boards and amplifier boards based on the customer's requirement.

The following gives an overview about the FLOSS used and the relevant license model.

Even though the list has been produced for the current GHS firmware and Perception, the software components are unlikely to change in the future, based on the fact, that all FLOSS software components are related to GHS's core system architecture.

### **Perception Software Component**

Table 1.1: Perception Software List

Packages	License Model
cJSON	MIT
NewtonSoft.Json	MIT
Ooura's algorithm	Artistic-2.0
Microsoft.Azure.KeyVault.Core	MIT
WindowsAzure.Storage	Apache-2.0
ListViewPrinterBase	ListViewPrinterBase License
Microsoft.Data.Edm	Microsoft Software License Terms
Microsoft.Data.OData	Microsoft Software License Terms
Microsoft.Data.Services.Client	Microsoft Software License Terms
System.ComponentModel.EventBasedAsync	Microsoft Software License Terms
System.Dynamic.Runtime	Microsoft Software License Terms
System.Net.Requests	Microsoft Software License Terms
System.Spatial	Microsoft Software License Terms
LZ4	BSD-2-Clause

### **GEN Series Firmware Component**

Table 1.2: GEN Series Software List

Packages	License Model
alsa-lib	LGPL-2.1
alsa-ucm-conf	BSD-3-Clause



Packages	License Model
alsa-utils	GPL-2.0
attr	GPL-2.0
avahi-autoipd	LGPL-2.1
base-files	GPL-2.0
blkid	GPL-2.0
block-mount	GPL-2.0
blockd	GPL-2.0
boost	BSL-1.0
busybox	GPL-2.0
dbus	AFL-2.1
debugfs	GPL-2.0
dropbear	MIT
dumpe2fs	GPL-2.0
e2freefrag	GPL-2.0
e2fsprogs	GPL-2.0
f2fs-tools	GPL-2.0
f2fsck	GPL-2.0
fdisk	GPL-2.0
flashrom	GPL-2.0
fstools	GPL-2.0
fwtool	GPL-2.0
gdb	GPL-3.0
getrandom	GPL-2.0
ip-bridge	GPL-2.0
ip-full	GPL-2.0
jq	BSD
jshn	ISC
jsonfilter	ISC
kernel	GPL-2.0
asn1-decoder	GPL-2.0
ata-core	GPL-2.0
button-hotplug	GPL-2.0
cgosdrv	GPL-2.0
crypto-aead	GPL-2.0
crypto-arc4	GPL-2.0
crypto-cbc	GPL-2.0
crypto-ccm	GPL-2.0
crypto-cmac	GPL-2.0
crypto-crc32	GPL-2.0
crypto-crc32c	GPL-2.0
crypto-ctr	GPL-2.0
crypto-cts	GPL-2.0
crypto-des	GPL-2.0
crypto-ecb	GPL-2.0
crypto-gcm	GPL-2.0
crypto-gf128	GPL-2.0
crypto-ghash	GPL-2.0
crypto-hash	GPL-2.0
crypto-hmac	GPL-2.0
crypto-manager	GPL-2.0
crypto-md4	GPL-2.0



Packages         License Model           crypto-md5         GPL-2.0           crypto-rull         GPL-2.0           crypto-rung         GPL-2.0           crypto-seqiv         GPL-2.0           crypto-sha1         GPL-2.0           crypto-sha256         GPL-2.0           crypto-sha512         GPL-2.0           dax         GPL-2.0           dm         GPL-2.0           fs-autofs4         GPL-2.0           fs-eautofs4         GPL-2.0           fs-cramfs         GPL-2.0           fs-cramfs         GPL-2.0           fs-cramfs         GPL-2.0           fs-cramfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-fs-fs-common         GPL-2.0           fs-fs-fs-common         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-mfs-common-rpcsec         GPL-2.0		
crypto-rull         GPL-2.0           crypto-seqiv         GPL-2.0           crypto-shal         GPL-2.0           crypto-sha256         GPL-2.0           crypto-sha512         GPL-2.0           dax         GPL-2.0           dm         GPL-2.0           fs-autofs4         GPL-2.0           fs-cris         GPL-2.0           fs-cramfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-ext4         GPL-2.0           fs-ext4         GPL-2.0           fs-fscommon         GPL-2.0           fs-fsrs.common         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfs-d         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-mp-ga-core         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-gestalt-driver         GPL-2.0           <	Packages	License Model
crypto-null         GPL-2.0           crypto-seqiv         GPL-2.0           crypto-seqiv         GPL-2.0           crypto-sha1         GPL-2.0           crypto-sha256         GPL-2.0           crypto-sha512         GPL-2.0           dm         GPL-2.0           fs-autofs4         GPL-2.0           fs-crifs         GPL-2.0           fs-crifs         GPL-2.0           fs-ext4         GPL-2.0           fs-ext4         GPL-2.0           fs-fs-fs-fs-commo         GPL-2.0           fs-fs-fs-fs         GPL-2.0           fs-nfs-common         GPL-2.0           fs-nfs-common         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fbm-eth-core         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hbm-gestalt-driver         GPL-2.0           ibm-recore         GPL-2.0           ipt-core         GPL-2.0           ipt-core         GPL-2.0           ipt-raw	crypto-md5	GPL-2.0
crypto-seqiv         GPL-2.0           crypto-sha1         GPL-2.0           crypto-sha512         GPL-2.0           dax         GPL-2.0           dm         GPL-2.0           fs-autofs4         GPL-2.0           fs-crifs         GPL-2.0           fs-cramfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-ext4         GPL-2.0           fs-fsext4         GPL-2.0           fs-ffscommon         GPL-2.0           fs-nfsc ommon-rpcsec         GPL-2.0           fs-nfs-common         GPL-2.0           fs-nfsc-common-rpcsec         GPL-2.0           fs-nfsd         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-gstalt-driver         GPL-2.0           hbm-gstalt-driver         GPL-2.0           hbm-gestalt-driver         GPL-2.0	crypto-null	GPL-2.0
crypto-sha1         GPL-2.0           crypto-sha512         GPL-2.0           dax         GPL-2.0           dm         GPL-2.0           fs-autofs4         GPL-2.0           fs-cautofs4         GPL-2.0           fs-cramfs         GPL-2.0           fs-cramfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-fs-common         GPL-2.0           fs-nfs-common         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfsd         GPL-2.0           fbm-fga-core         GPL-2.0           hbm-fga-core         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hbm-gestalt-driver         GPL-2.0           ibm-gestalt-driver         GPL-2.0           ibm-gestalt-driver         GPL-2.0           ipt-racere         GPL-2.0           igb	crypto-rng	GPL-2.0
crypto-sha512         GPL-2.0           dax         GPL-2.0           dm         GPL-2.0           fs-autofs4         GPL-2.0           fs-cifs         GPL-2.0           fs-crifs         GPL-2.0           fs-cromfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-ext4         GPL-2.0           fs-fs-swmbd         GPL-2.0           fs-rfs-common         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           hbm-fg-core         GPL-2.0           hbm-fg-core         GPL-2.0           hbm-fg-core         GPL-2.0           ibm-gestalt-driver         GPL-2.0           ipt<-core		GPL-2.0
crypto-sha512         GPL-2.0           dax         GPL-2.0           dm         GPL-2.0           fs-cutofs4         GPL-2.0           fs-crifs         GPL-2.0           fs-cramfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-ext4         GPL-2.0           fs-fs-fs-ext4         GPL-2.0           fs-fs-fs-common         GPL-2.0           fs-nfs-common         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfs d         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-fpga-core         GPL-2.0           hbm-fpga-core         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hd         GPL-2.0           hbm-go-core         GPL-2.0           ibd         GPL-2.0           ibc-core         GPL-2.0           igb         GPL-2.0           ipt-abutore         GPL-2.0           ipt-row         GPL-2.0           ipt-row         GPL-2.0           ipt-row         GPL-2.0           ipt-row         GPL-2.0           ipt-row	crypto-sha1	GPL-2.0
dax         GPL-2.0           dm         GPL-2.0           fs-autofs4         GPL-2.0           fs-cifs         GPL-2.0           fs-cramfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-fs-ext4         GPL-2.0           fs-fs-swbd         GPL-2.0           fs-rfs-common         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hbm-gestalt-driver         GPL-2.0           ib-m-gestalt-driver         GPL-2.0           igh         GPL-2.0           ipc-core         GPL-2.0           igb         GPL-2.0	crypto-sha256	GPL-2.0
dm         GPL-2.0           fs-autofs4         GPL-2.0           fs-crifs         GPL-2.0           fs-cramfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-ext4         GPL-2.0           fs-fs-fsexfs         GPL-2.0           fs-fs-scommon         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfsd         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hid         GPL-2.0           hwnon-core         GPL-2.0           i2c-algo-bit         GPL-2.0           i2c-algo-bit         GPL-2.0           i2c-core         GPL-2.0           igb         GPL-2.0           ipt-core         GPL-2.0           ipt-rore         GPL-2.0           ipt-raw         GPL-2.0           ixgbe         GPL-2.0           keys-encrypted         GPL-2.0           keys-trusted         GPL-2.0           keys-trusted         GPL-2.0           lib-crc-2it         GPL-2.0           lib-crc-2it         GPL-2.0           lib-tcrx5z	crypto-sha512	GPL-2.0
fs-autofs4         GPL-2.0           fs-crifs         GPL-2.0           fs-cramfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-ext4         GPL-2.0           fs-fs-fs         GPL-2.0           fs-fs-ksmbd         GPL-2.0           fs-nfs-common         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfsd         GPL-2.0           hbm-fpa-core         GPL-2.0           hbm-fpga-core         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hbm-mo-core         GPL-2.0           ibd         GPL-2.0           ibd         GPL-2.0           ibd         GPL-2.0           iput-core         GPL-2.0           iput-core         GPL-2.0           ipt-core         GPL-2.0           ipt-raw         GPL-2.0           ipt-raw         GPL-2.0           keys-trusted         GPL-2.0           keys-trusted         GPL-2.0           keys-trusted         GPL-2.0           lib-crc22         GPL-2.0           lib-cr	dax	GPL-2.0
fs-cifs         GPL-2.0           fs-cramfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-ext4         GPL-2.0           fs-fs-fs         GPL-2.0           fs-ksmbd         GPL-2.0           fs-nfs-common         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfsd         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-fpga-core         GPL-2.0           hbm-fpga-core         GPL-2.0           hid         GPL-2.0           hid         GPL-2.0           hid         GPL-2.0           hwmon-core         GPL-2.0           i2c-algo-bit         GPL-2.0           i2c-core         GPL-2.0           igb         GPL-2.0           iput-core         GPL-2.0           iput-evdev         GPL-2.0           ipt-raw         GPL-2.0           ipt-raw         GPL-2.0           keys-encrypted         GPL-2.0           keys-encrypted         GPL-2.0           keys-encrypted         GPL-2.0           keys-encrypted         GPL-2.0           lib-crc-ccitt         GPL-2.0           lib-crc16	dm	GPL-2.0
fs-cramfs         GPL-2.0           fs-exportfs         GPL-2.0           fs-ext4         GPL-2.0           fs-f2fs         GPL-2.0           fs-fsrscommon         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfs-d         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-fpga-core         GPL-2.0           hbm-fpga-core         GPL-2.0           hbm d         GPL-2.0           hbm mon-core         GPL-2.0           i2c-algo-bit         GPL-2.0           igb         GPL-2.0           ipb-core         GPL-2.0           ipt-core         GPL-2.0           ipt-core         GPL-2.0           ipt-core         GPL-2.0           ipt-raw         GPL-2.0           keys-encrypted         GPL-2.0           keys-trusted         GPL-2.0           keys-trusted         GPL-2.0           lib-crc-citt         GPL-2.0           lib-crc-cit         GPL-2.0           lib-crc-cott         GPL-2.0           lib-textsearch         GPL-2.0           lib-tib-inflate         GPL-2.0	fs-autofs4	GPL-2.0
fs-exportfs         GPL-2.0           fs-ext4         GPL-2.0           fs-f2fs         GPL-2.0           fs-ksmbd         GPL-2.0           fs-nfs-common         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfsd         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-fpga-core         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hid         GPL-2.0           hwmon-core         GPL-2.0           i2c-algo-bit         GPL-2.0           i2c-algo-bit         GPL-2.0           igb         GPL-2.0           ipb         GPL-2.0           ipt-core         GPL-2.0           ipt-raw         GPL-2.0           ipt-raw         GPL-2.0           keys-encrypted         GPL-2.0           keys-encrypted         GPL-2.0           keys-trusted         GPL-2.0           ktapi         GPL-2.0           ledtrig-audio         GPL-2.0           lib-crc-ccitt         GPL-2.0           lib-crc16         GPL-2.0           lib-rexsearch         GPL-2.0           lib-tib-inflate         GPL-2.0 <t< td=""><td>fs-cifs</td><td>GPL-2.0</td></t<>	fs-cifs	GPL-2.0
fs-ext4         GPL-2.0           fs-ksmbd         GPL-2.0           fs-ksmbd         GPL-2.0           fs-nfs-common         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-fpga-core         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hid         GPL-2.0           hwmon-core         GPL-2.0           i2c-algo-bit         GPL-2.0           igb         GPL-2.0           ipb         GPL-2.0           ipb         GPL-2.0           ipt-core         GPL-2.0           ipt-row         GPL-2.0           ipt-raw         GPL-2.0           ipt-raw         GPL-2.0           keys-encrypted         GPL-2.0           keys-trusted         GPL-2.0           keys-trusted         GPL-2.0           ledtrig-audio         GPL-2.0           lib-crc-ccitt         GPL-2.0           lib-crc16         GPL-2.0           lib-crc32c         GPL-2.0           lib-plibrinflate         GPL-2.0           libphy         GPL-2.0	fs-cramfs	GPL-2.0
fs-f2fs         GPL-2.0           fs-ksmbd         GPL-2.0           fs-nfs-common         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfsd         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-fpga-core         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hid         GPL-2.0           hwmon-core         GPL-2.0           i2c-algo-bit         GPL-2.0           igb         GPL-2.0           igb         GPL-2.0           ipt-core         GPL-2.0           ipt-tore         GPL-2.0           ipt-raw         GPL-2.0           ixgbe         GPL-2.0           keys-encrypted         GPL-2.0           keys-trusted         GPL-2.0           keys-trusted         GPL-2.0           ledtrig-audio         GPL-2.0           lib-crc-ccitt         GPL-2.0           lib-trc16         GPL-2.0           lib-textsearch         GPL-2.0           lib-tib-inflate         GPL-2.0           lib-tylib-inflate         GPL-2.0           libpty         GPL-2.0           md-raid1         GPL-2.0           <	fs-exportfs	GPL-2.0
fs-ksmbd         GPL-2.0           fs-nfs-common         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfsd         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hid         GPL-2.0           hwmon-core         GPL-2.0           i2c-algo-bit         GPL-2.0           i2c-core         GPL-2.0           igb         GPL-2.0           input-core         GPL-2.0           input-evdev         GPL-2.0           ipt-core         GPL-2.0           ipt-raw         GPL-2.0           ixybe         GPL-2.0           keys-encrypted         GPL-2.0           keys-trusted         GPL-2.0           keys-trusted         GPL-2.0           ktapi         GPL-2.0           lib-crc-ccitt         GPL-2.0           lib-crc32c         GPL-2.0           lib-textsearch         GPL-2.0           lib-glib-inflate         GPL-2.0           lib-ply         GPL-2.0           md-raid1         GPL-2.0           md-raid1         GPL-2.0           md-raid10         GPL-2.0           mdio		GPL-2.0
fs-nfs-common         GPL-2.0           fs-nfs-common-rpcsec         GPL-2.0           fs-nfsd         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-fpga-core         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hid         GPL-2.0           hwmon-core         GPL-2.0           i2c-algo-bit         GPL-2.0           igb         GPL-2.0           ipb         GPL-2.0           input-core         GPL-2.0           input-evdev         GPL-2.0           ipt-raw         GPL-2.0           ixgbe         GPL-2.0           keys-encrypted         GPL-2.0           keys-trusted         GPL-2.0           ktapi         GPL-2.0           ledtrig-audio         GPL-2.0           lib-crc-ccitt         GPL-2.0           lib-crc16         GPL-2.0           lib-textsearch         GPL-2.0           lib-textsearch         GPL-2.0           lib-pilotinflate         GPL-2.0           lib-pilotinflate         GPL-2.0           md-raid0         GPL-2.0           md-raid1         GPL-2.0           md-raid10         GPL-2.0	fs-f2fs	GPL-2.0
fs-nfsc         GPL-2.0           fs-nfsd         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-fpga-core         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hid         GPL-2.0           hwmon-core         GPL-2.0           i2c-algo-bit         GPL-2.0           i2c-core         GPL-2.0           igb         GPL-2.0           input-core         GPL-2.0           input-evdev         GPL-2.0           ipt-core         GPL-2.0           ipt-raw         GPL-2.0           keys-encrypted         GPL-2.0           keys-trusted         GPL-2.0           ktapi         GPL-2.0           ledtrig-audio         GPL-2.0           lib-crc-ccitt         GPL-2.0           lib-crc32c         GPL-2.0           lib-textsearch         GPL-2.0           lib-textsearch         GPL-2.0           lib-ply         GPL-2.0           md-raid0         GPL-2.0           md-raid1         GPL-2.0           md-raid1         GPL-2.0           md-raid1         GPL-2.0           mdio-devres         GPL-2.0           nf-jpt	fs-ksmbd	GPL-2.0
fs-nfsd         GPL-2.0           hbm-eth-core         GPL-2.0           hbm-fpga-core         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hid         GPL-2.0           hwmon-core         GPL-2.0           i2c-algo-bit         GPL-2.0           igb         GPL-2.0           igb         GPL-2.0           input-core         GPL-2.0           input-evdev         GPL-2.0           ipt-core         GPL-2.0           ipt-raw         GPL-2.0           keys-encrypted         GPL-2.0           keys-trusted         GPL-2.0           keys-trusted         GPL-2.0           ledtrig-audio         GPL-2.0           lib-crc-ccitt         GPL-2.0           lib-crc16         GPL-2.0           lib-textsearch         GPL-2.0           lib-textsearch         GPL-2.0           lib-tailo-inflate         GPL-2.0           md-raid         GPL-2.0           md-raid         GPL-2.0           md-raid         GPL-2.0           md-raid1         GPL-2.0           md-raid1         GPL-2.0           mdio-devres         GPL-2.0           nf-c	fs-nfs-common	
hbm-eth-core         GPL-2.0           hbm-fpga-core         GPL-2.0           hbm-gestalt-driver         GPL-2.0           hid         GPL-2.0           hwmon-core         GPL-2.0           i2c-algo-bit         GPL-2.0           igb         GPL-2.0           ipb         GPL-2.0           input-core         GPL-2.0           input-evdev         GPL-2.0           ipt-core         GPL-2.0           ixgbe         GPL-2.0           keys-encrypted         GPL-2.0           keys-trusted         GPL-2.0           keys-trusted         GPL-2.0           ledtrig-audio         GPL-2.0           lib-crc-ccitt         GPL-2.0           lib-crc-ccitt         GPL-2.0           lib-crc-20c         GPL-2.0           lib-textsearch         GPL-2.0           lib-textsearch         GPL-2.0           lib-textsearch         GPL-2.0           md-raid0         GPL-2.0           md-raid0         GPL-2.0           md-raid1         GPL-2.0           md-raid10         GPL-2.0           mdio-devres         GPL-2.0           nf-conntrack         GPL-2.0		
hbm-fpga-core         GPL-2.0           hbm         GPL-2.0           hid         GPL-2.0           hwmon-core         GPL-2.0           i2c-algo-bit         GPL-2.0           i2c-core         GPL-2.0           igb         GPL-2.0           input-core         GPL-2.0           input-evdev         GPL-2.0           ipt-core         GPL-2.0           ipt-raw         GPL-2.0           keys-encrypted         GPL-2.0           keys-encrypted         GPL-2.0           keys-trusted         GPL-2.0           keys-trusted         GPL-2.0           lib-crc-ccitt         GPL-2.0           lib-crc-ccitt         GPL-2.0           lib-crc16         GPL-2.0           lib-crc32c         GPL-2.0           lib-textsearch         GPL-2.0           lib-textsearch         GPL-2.0           lib-phy         GPL-2.0           md-raid0         GPL-2.0           md-raid1         GPL-2.0           md-raid1         GPL-2.0           mdio         GPL-2.0           mdio-devres         GPL-2.0           nf-ipt         GPL-2.0		
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md-raid0       GPL-2.0         md-raid1       GPL-2.0         md-raid10       GPL-2.0         mdio       GPL-2.0         mdio-devres       GPL-2.0         nf-conntrack       GPL-2.0         nf-ipt       GPL-2.0		
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nf-conntrack GPL-2.0 GPL-2.0		
nf-ipt GPL-2.0		
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ni-log GPL-2.0	·	
	III-lug	GPL-2.U



Packages	License Model
nf-nat	GPL-2.0
nf-nathelper-extra	GPL-2.0
nf-reject	GPL-2.0
nls-base	GPL-2.0
nls-cp437	GPL-2.0
nls-iso8859-1	GPL-2.0
nls-utf8	GPL-2.0
oid-registry	GPL-2.0
pcan	GPL-2.0
pcspkr	GPL-2.0
pexesc_uio	GPL-2.0
pps	GPL-2.0
ptp	GPL-2.0
random-core	GPL-2.0
regmap-core	GPL-2.0
scsi-core scsi-core	GPL-2.0
scsi-generic scsi-generic	GPL-2.0
sound-core	GPL-2.0
sound-hda-core	GPL-2.0
sound-hda-intel	GPL-2.0
tpm	GPL-2.0
usb-core	GPL-2.0
ksmbd-avahi-service	GPL-2.0
ksmbd-server	GPL-2.0
ksmbd-utils	GPL-2.0
libattr	GPL-2.0
libavahi-client	LGPL-2.1
libavahi-dbus-support	LGPL-2.1
libc	GPL-3.0
libcap	GPL-2.0
libdbus	AFL-2.1
libedit	BSD-3-Clause
libexpat	MIT
libftdi1	LGPL-2.1
libgnutls	LGPL-2.1
libkmod	LGPL-2.1
libpci	GPL-2.0
libpcre	BSD-3-Clause
libpthread	GPL-3.0
librt	GPL-3.0
libselinux	libselinux-1.0
libsndfile	LGPL-2.1
libtasn1	LGPL-2.1
libthread-db	GPL-3.0
linuxptp	GPL-2.0
logd	GPL-2.0
Isblk	GPL-2.0
mkf2fs	GPL-2.0
mtd	GPL-2.0
musl-fts	LGPL-2.1
netifd	GPL-2.0



Packages	License Model
openwrt-keyring	GPL-2.0
opkg	GPL-2.0
partx-utils	GPL-2.0
pciids	GPL-2.0
pciutils	GPL-2.0
procd	GPL-2.0
procd-seccomp	GPL-2.0
procd-ujail	GPL-2.0
pv	Artistic-2.0
resize2fs	GPL-2.0
screen	GPL-3.0
terminfo	MIT
tune2fs	GPL-2.0
ubox	GPL-2.0
ubus	LGPL-2.1
ubusd	LGPL-2.1
uci	LGPL-2.1
uclient-fetch	ISC
urandom-seed	GPL-2.0
urngd	GPL-2.0
usign	ISC
zlib	Zlib

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