Topedo SOM Open Source Software	Manufacturer	Version level	Release date	Patch Number	Intended Use	Link	License
BASE_LIBS	Freescale	1.2	11/10/2014		Base Libraries (from toolchain)		LGPL
GCC_WANT_LIBGCC_SHARED	Freescale	4.2.1	18-Jul-07	1	Various compilers (C, C++, Objective-C, Java, ...)	https://gcc.gnu.org/onlinedocs/libstdc++/manual/license.html	GPL
KERNEL_WANT_HEADERS	LogicPD				A Unix-like computer operating system kernel.	https://www.kernel.org/	GPL
FLASHTOOL	LogicPD	1	27-May-15	3	Flashtool for burning X-loader partition from Linux	http://www.flashtool.net/index.php	GPL
TI_UTILS	Texas Instruments	1	3/30/2005	ti-utils-1-1971f62-02.patch	TI wl12xx calibrator	http://software-dl.ti.com/dsps/dsps_public_sw/sdo_sb/targetcontent/linuxutils/	TI
WL1283_GPS	LogicPD	3	10/28/2011		wl1283 GPS driver/utility	http://logicpd.com	GPLv3
DRAW_TEST	LogicPD	1		2	quick-n-dirty graphics demo/test	http://logicpd.com	GPLv3
PWR_BUTTON	LogicPD	1		5	Utility to monitor pwr-button and put into suspend	https://wiki.archlinux.org/index.php/Power_management/Suspend_and_hibernate	GPL
INPUT_DEVICE	LogidPD	1		2	Utility to find input device based on arg	https://wiki.archlinux.org/index.php/Serial_input_device_to_kernel_input	GPL
TEST_NEON	Freescale	1	4/28/2012	1	NEON simple test program		GPL
SPEEDTEST	Obliquity	1	8/26/2011	4	floating point speed test	http://www.obliquity.com/computer/speedtest.html	GPL
HAVEGED	Ubuntu	1.7c	6/8/2013	1	generate random numbers and feed linux random device	http://linux.die.net/man/8/haveged	GPL
GPSDEMO	LogicPD	1.1	6/3/2013		GPS Demo package	http://logicpd.com	Public Domain, not copyrighted
ALSA_LIB	Freescale	1.0.24.1	1/31/2011	2	a libraries for ALSA	http://www.alsa-project.org/main/index.php/Main_Page	LGPL
ALSA_UTILS	Freescale	1.0.11rc2	1/2/2006	2	Utilities for ALSA (Advanced Linux Sound Architecture)	http://www.linuxfromscratch.org/blfs/view/svn/multimedia/alsa-utils.html	GPL
BASH	Freescale	4.3	5/19/2015	4.3-001-025	GNU Bourne-Again SHell	http://www.gnu.org/software/bash/	GPL
BLUEZ_LIBS	Freescale	4.101	6/22/2012	5	BlueZ bluetooth libraries	https://www.archlinux.org/packages/extra/i686/bluez-libs/	GPL
BLUEZ_UTILS	Freescale	2.25	1/18/2006	1	BlueZ bluetooth utilities	http://www.linuxfromscratch.org/blfs/view/svn/general/bluez.html	GPL
BUSYBOX	Freescale	1.11.2	8/21/2008	5	A small executable that replaces many UNIX utilities	http://www.busybox.net/	GPL
CPUFREQUTILS	Freescale	5	8/9/2008	2	cpufreq utilities	https://wiki.archlinux.org/index.php/CPU_frequency_scaling	GPL
DHCP	Freescale	3.0.3b1	29-Mar-05	4	Internet Systems Consortium DHCP server, client, and relay agent	http://www.isc.org/sw/dhcp/	ISC
UDEV	Freescale	117	11/13/2007	4	Userspace device files	https://wiki.archlinux.org/index.php/Udev	GPL
DIRECTFB	Freescale	1.1.0	12/15/2007	6	DirectFB is a graphics library for embedded systems	http://directfb.org/	LGPL
DNSMASQ	thekelleys.org.uk	2.58	8/26/2011	1	DNS Masquerading for NAT networks	http://www.thekelleys.org.uk/dnsmasq/doc.html	GPL
DROPBEAR	Freescale	2015.67	1/28/2015		Dropbear SSH server and client (embedded)	https://matt.ucc.asn.au/dropbear/dropbear.html	MIT
E2FSPROGS	Freescale	1.41.4	1/29/2009	0	Second extended (ext2) filesystem and ext3 utilities	http://e2fsprogs.sourceforge.net/	GPL
ETHTOOL	Freescale	3	1/28/2005	0	Ethernet settings tool for PCI ethernet cards	http://www.linuxcommand.org/man_pages/ethtool8.html	GPL
FREETYPE	Freescale	2.1.7	11/9/2013		TrueType font rasterizer	http://www.freetype.org/	GPL or FTL
GDB	Freescale	6.6	9/13/2007	2	Gdb - GNU Source level debugger for C, C++	http://www.gnu.org/software/gdb/	GPL
HELLOWORLD_MOD	Freescale	1.2	4/27/2007	1	Hello World test package		Public Domain, not copyrighted
HOSTAPD	Satcom System	0.7.3	2/9/2011	4	Hostapd is a user space daemon for access point and authentication servers.	http://w1.fi/hostapd/	GPL
HOTPLUG	Freescale	2004_03_30	3/30/2004	2	A helper application which loads modules for USB devices	http://linux-hotplug.sourceforge.net/	GPL
I2C_TOOLS	Freescale	3.0.2	11/29/2008		The i2c-tools package contains a heterogeneous set of I2C tools for Linux	http://www.lm-sensors.org/wiki/I2CTools	GPL
IPERF	Freescale	1.7.0	3/13/2003	1	iperf is a tool to measure IP bandwidth using UDP or TCP	http://dast.nlanr.net/Projects/Iperf/	Distributable/GPL
IPTABLES	Freescale	1.4.2	8/8/2013	2	Tools for managing kernel packet filtering capabilities	http://www.netfilter.org/projects/iptables	GPL
LESS	Freescale	381	10/1/2003		text file browser, like more, but you can go back too.	http://lesscss.org/	GPL
LIBID3TAG	Freescale	0.15.1b	2/28/2004		A library for supporting id3 tags	https://launchpad.net/ubuntu/+source/libid3tag	GPL
LIBMAD	Freescale	0.15.1b	2/18/2004	1	A library for mad mp3 decoding	http://www.underbit.com/products/mad/	GPL
LIBNL	Satcom System	2	12/17/2010	3	The libnl suite is a collection of libraries providing APIs to netlink protocol based Linux kernel interfaces	http://www.infradead.org/~tgr/libnl/	GPL
LIBJPEG	Freescale	6b	12/30/2008		A library for manipulating JPEG image format files	http://libjpeg.sourceforge.net/	Distributable
LIBPNG	Freescale	1.2.8	12/4/2005	1	A library of functions for manipulating PNG image format files	http://www.libpng.org/pub/png/libpng.html	distributable, OSI approved
LIBTERMCAP	Freescale	2.0.8	2/6/2000	11	A basic system library for accessing the termcap database.	http://rpmfind.net/linux/rpm2html/search.php?query=libtermcap	LGPL
LIBUSB	Freescale	1.0.9	4/20/2012		A library which allows userspace access to USB devices	http://www.libusb.org/	LGPL
LZO	Freescale	2.03	4/30/2008		LZO is a portable lossless data compression library written in ANSI C.	http://www.lzop.org/lzop_man.php	GPL
MADPLAY	Freescale	0.15.2b	2/25/2004	0	MAD is a high-quality MPEG audio decoder.	http://www.underbit.com/products/mad/	GPL
MERGE	Freescale	0.1			Merge files for an embedded root filesystem		GPL
MODEPS	Freescale	1			Generate module dependency file		GPL
MODULE_INIT_TOOLS	Freescale	3.1	9/6/2007	1	Linux 2.6 kernel module management utilities.	http://www.linuxfromscratch.org/lfs/view/6.4/chapter06/module-init-tools.html	GPL
MP3PLAY	Freescale	1		2	mp3play - A simple mp3player	https://github.com/michaelgundlach/mp3play	GPL
MTD_UTILS	Freescale	20080618	6/18/2008	11	Memory Technology Device tools	http://www.linux-mtd.infradead.org/	GPL
NCURSES	Freescale	5.3	2/6/2003	2	CRT screen handling and optimization package	http://www.gnu.org/software/ncurses/	Distributable
OPENSSL	Freescale	0.9.8g	10/19/2007	6	Secure Sockets Layer toolkit	https://www.openssl.org/	BSD style
PEEKPOKE	Freescale	1	11/1/2013		Peek/Poke (Read/Write) Registers		GPL
PLAY	Freescale	1		1	play - A simple wav player and audio tone tester.		Distributable
PROCPS	Freescale	2.3.7	5/10/2009	0	System and process monitoring utilities	http://procps.sourceforge.net/	GPL
SETSERIAL	Freescale	2.17	4/11/2013	1	A utility for configuring serial ports.	http://setserial.sourceforge.net/	GPL
SKELL	Freescale	1.19		2	Skelleton files for an embedded root filesystem		GPL
STRACE	Freescale	4.15.14	3/19/2006	7	trace system calls associated with a running process	http://linux.die.net/man/1/strace	BSD
SYSCONFIG	Freescale	1.2			System configuration package		GPL
SYSFSUTILS	Freescale	2.1.0	8/23/2006		sysfs utilities	http://linux-diag.sourceforge.net/Sysfsutils.html	GPL/LGPL
TIMEZONE	Freescale	2006n	10/11/2006	0	Timezone data and utilities	https://www.iana.org/time-zones/repository/tz-link.html	Public Domain/BSD
TSLIB	Freescale	1	9/13/2006	5	Abstraction layer for touchscreen panel events		LGPL
USBUTILS	Freescale	2	7/6/2012		Linux USB utilities	http://www.linuxfromscratch.org/blfs/view/svn/general/usbutils.html	GPL
U_BOOT_TOOLS	Freescale	1.1.6	11/3/2006	1	Universal Bootloader tools	http://www.denx.de/wiki/U-Boot/WebHome	GPL
WIRELESS_TOOLS	Freescale	29	9/12/2014	1	Wireless Ethernet configuration tools		GPL
IW	LogicPD	3.1	5/2/2013	1	iw tool to us nl80211	https://wireless.wiki.kernel.org/en/users/documentation/iw	xxxxGPL
WPA_SUPPLICANT	LogicPD	0.7.3		3	Linux WPA Supplicant code	https://wiki.archlinux.org/index.php/WPA_supplicant	GPL
WPA_SUPPLICANT_NEEDSRC	LogicPD	0.7.3	9/7/2010	3	Linux WPA Supplicant code	http://w1.fi/wpa_supplicant/	GPL
ZLIB	Freescale	1.2.3	Jul-05	1	zlib compression utilities and libraries	http://www.zlib.net/	zlib (Distributable)

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