

Torqeedo Software License Notices (200-60017, V1.0.0)

This document applies to the following Torqeedo products:

- Torqeedo Cruise (1243-20, 1260-00, 1262-00, 1264-00, 1266-00, 1280-00)
- Torqeedo Deep Blue (25/50/100 i, 25/50 R)
- Torqeedo Power 24 (2106-00)
- Torqeedo Power 48 (2104-00)
- Torqeedo Travel (1156-0, 1160-00, 1162-00)
- Torqeedo Travel Ultralight (1421-00)

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1. Introduction

The Torqeedo products listed above use a number of open-source software packages, which are described below.

The open-source software is provided free of charge. You are entitled to use the open-source software in accordance with the respective license conditions, as provided in the following chapters.

Torqeedo would like to thank the open-source community for its valuable contributions to embedded computing.

1.1. Disclaimer

The open-source software is distributed WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. The respective licenses may contain additional details.

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In this case, please contact:

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82234 Wessling
Germany

Email: info@torqeedo.com

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2. Software Packages

The software included in the listed products makes use of the following open-source packages:

| Package | Version | License |
|--------------------------------|------------|-------------------------------------|
| avahi | 0.8 | LGPL-2.1 |
| BMA456_SensorAPI | 2.24.1 | BSD-3-Clause |
| BusyBox | 1.37.0 | GPL-2.0 |
| can-utils | 2023.03 | BSD-3-Clause |
| CMSIS_4 | 1.4.4 | BSD-3-Clause |
| CMSIS_4 | 3.20 | BSD-3-Clause |
| CMSIS_4 | 4.5 | BSD-3-Clause |
| CMSIS_4 | 4.10 | BSD-3-Clause |
| CMSIS_5 | 5.2 | Apache-2.0 |
| CMSIS_5 | 5.4 | Apache-2.0 |
| CMSIS-DSP | 1.4.5 | BSD-3-Clause |
| CMSIS-RTOS API | 1.02 | Apache-2.0 |
| CMSIS-RTOS2 API | 2.1.2 | Apache-2.0 |
| dbus | 1.14.10 | AFL-2.1 |
| Espressif-IDF (ESP-IDF) | 4.4.4 | Apache-2.0 |
| ESP-IDF 4.4.4 / argtable3 | 3.1.5 | BSD-2-Clause BSD-3-Clause TCL |
| ESP-IDF 4.4.4 / asio | 1.14.1 | BSL-1.0 |
| ESP-IDF 4.4.4 / cmock | 2.5.2 | MIT |
| ESP-IDF 4.4.4 / coap | 4.30 | BSD-2-Clause |
| ESP-IDF 4.4.4 / expat | 2.5.0 | MIT |
| ESP-IDF 4.4.4 / fatfs | R0.13c | FatFs |
| ESP-IDF 4.4.4 / freemodbus | 1.0.7 | BSD-3-Clause |
| ESP-IDF 4.4.4 / freertos | 10.4.3 | MIT |
| ESP-IDF 4.4.4 / heap_tlsf | 3.1 | BSD-3-Clause |
| ESP-IDF 4.4.4 / jsmn | 1.1.0 | MIT |
| ESP-IDF 4.4.4 / json | 1.7.15 | MIT |
| ESP-IDF 4.4.4 / libsodium | 1.0.18 | ISC |
| ESP-IDF 4.4.4 / linenoise | 1.0 | BSD-2-Clause |
| ESP-IDF 4.4.4 / lwip | 2.1.2 | BSD-3-Clause |
| ESP-IDF 4.4.4 / mbedtls | 2.28.1 | Apache-2.0 |
| ESP-IDF 4.4.4 / mqtt | 4.4.4 | Apache-2.0 BSD-3-Clause |
| ESP-IDF 4.4.4 / nghttp | 1.41.0 | MIT |
| ESP-IDF 4.4.4 / protobuf-c | 1.4.0 | BSD-2-Clause |
| ESP-IDF 4.4.4 / sdmmc | 4.4.4 | Apache-2.0 |
| ESP-IDF 4.4.4 / spiffs | 0.3.7 | MIT |
| ESP-IDF 4.4.4 / tinycbor | 0.5.4 | MIT |
| ESP-IDF 4.4.4 / unity | 2.4.3 | MIT |
| ESP-IDF 4.4.4 / wpa_supplicant | 4.4.4 | BSD-3-Clause |
| ESP-IDF 4.4.4 / xtensa | 4.4.4 | Apache-2.0 MIT |
| esp_littlefs | 1.5.1 | MIT |
| esp-nimble-cpp | 1.4.0 | Apache-2.0 |
| expat | 2.7.0 | MIT |
| FreeRTOS | V202012.00 | MIT |

| Package | Version | License |
|----------------------------------|--------------|--|
| Freertos-addons | 1.6.0 | MIT |
| FreeRTOS-Kernel | 10.0.1 | MIT |
| FreeRTOS-Kernel | 10.3.0 | MIT |
| FreeRTOS-Kernel | 10.4.3 | MIT |
| FreeRTOS-Kernel / Task-Additions | 1.3 | BSD-3-Clause |
| FreeRTOS_helpers | 27-Jun-2020 | BSD-Style-Nadler |
| gtronick-qss | 1.1 | MIT |
| htop | 3.3.0 | GPL-2.0 |
| http-parser | 2.5.0 | MIT |
| iproute2 | 6.13.0 | GPL-2.0 |
| jquery | 3.5.1 | MIT |
| KSDK | 1.0 | BSD-3-Clause |
| libdaemon | 0.14 | LGPL-2.1 |
| libgpiod | 1.6.5 | LGPL-2.1 |
| libmnl | 1.0.5 | LGPL-2.1 |
| libpcap | 1.10.5 | BSD-3-Clause |
| libressl-portable | 2.9.2 | ISC MIT OpenSSL-standalone SSLey-standalone SUDO |
| libstdc++-6 | 8.1.0 | GPL-3.0-with-GCC-exception |
| libwinpthread-1 | 1.0.0 | BSD-2-Clause |
| libxcrypt | 4.4.38 | LGPL-2.1 |
| libzlib | 1.3.1 | Zlib |
| littlefs | 2.5 | BSD-3-Clause |
| lvgl | 6.0 | MIT |
| mcux-sdk | 2.11.0 | BSD-3-Clause |
| mtd | 2.2.1 | GPL-2.0 |
| ncurses | 6.4-20230603 | MIT |
| NimBLE-Arduino / USBHID | 1.4 | MIT |
| NMEA2000 | 1.1.141 | MIT |
| OpenSSH | 9.9p2 | BSD-2-Clause BSD-3-Clause MIT Public Domain |
| OpenSSL | 1.0.2u | OpenSSL-standalone SSLey-standalone |
| OpenSSL | 3.4.1 | Apache-2.0 |
| pcre | 8.45 | BSD-3-Clause |
| putty | 0.81 | MIT |
| qhttpserver | 0.1.0 | MIT |
| QR-Code-generator | 1.3.1 | MIT |
| QSimpleRestServer | b51f4f4 | MIT |
| Qt Framework | 5.6.3 | LGPL-2.1 |
| Qt Framework | 5.12.12 | LGPL-3 |
| qtkvasercanbus | aef3286 | LGPL-3 |
| stm32f1xx-hal-driver | 1.1.4 | BSD-3-Clause |
| stm32l4xx-hal-driver | 1.8.2 | BSD-3-Clause |
| tcpdump | 4.99.5 | BSD-3-Clause |

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| XMCLib | 2.1.18 | BSD-3-Clause |
| XMCLib | 2.1.24 | BSD-3-Clause |
| zip | 3.0 | Info-ZIP |

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| BusyBox | 1.37.0 | see 5.1. Attribution for BusyBox 1.37.0 |
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| iproute2 | 6.13.0 | see 5.2. Attribution for iproute2 6.13.0 |
| jquery | 3.5.1 | (c) JS Foundation and other contributors |
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| libgpod | 1.6.5 | Copyright (C) 2017-2019 Bartosz Golaszewski bartekgola@gmail.com |
| libmnl | 1.0.5 | (C) 2008-2012 by Pablo Neira Ayuso pablo@netfilter.org |

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```
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```

```
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Ty Coon, President of Vice
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```
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GPL-3.0

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5. Annex

5.1. Attribution for BusyBox 1.37.0

At least one of the listed products uses and distributes components of BusyBox 1.37.0, which are covered by the GPL-2.0 license.

Many developers have contributed to BusyBox and hold copyrights, which are listed below:

AUTHORS:

List of the authors of code contained in BusyBox.

If you have code in BusyBox, you should be listed here. If you should be listed, or the description of what you have done needs more detail, or is incorrect, `_please_` let me know.

-Erik

Peter Willis <psyphreak@phreaker.net>
eject

Emanuele Aina <emanuele.aina@tiscali.it>
run-parts

Erik Andersen <andersen@codepoet.org>
Tons of new stuff, major rewrite of most of the
core apps, tons of new apps as noted in header files.
Lots of tedious effort writing these boring docs that
nobody is going to actually read.

Laurence Anderson <l.d.anderson@warwick.ac.uk>
rpm2cpio, unzip, get_header_cpio, read_gz interface, rpm

Jeff Angielski <jeff@theptgroup.com>
ftpput, ftpget

Enrik Berkhan <Enrik.Berkhan@inka.de>
setconsole

Jim Bauer <jfbauer@nfr.com>
modprobe shell dependency

Edward Betts <edward@debian.org>
expr, hostid, logname, whoami

John Beppu <beppu@codepoet.org>
du, nslookup, sort

David Brownell <dbrownell@users.sourceforge.net>
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Brian Candler <B.Candler@pobox.com>
tiny-ls(ls)

Randolph Chung <tausq@debian.org>
fbset, ping, hostname

Dave Cinege <dcinege@psychosis.com>
more(v2), makedevs, dumpt, modularization, auto links file,
various fixes, Linux Router Project maintenance

Jordan Crouse <jordan@cosmicpenguin.net>
ipcalc

Magnus Damm <damm@opensource.se>
tftp client
insmod powerpc support

Larry Doolittle <ldoolitt@recycle.lbl.gov>
pristine source directory compilation, lots of patches and fixes.

Glenn Engel <glenne@engel.org>
httpd

Gennady Feldman <gfeldman@gena01.com>
Sysklogd (single threaded syslogd, IPC Circular buffer support,
logread), various fixes.

Robert Griehl <sandman@handhelds.org>
modprobe, hwclock, suid/sgid handling, tinylogin integration
many bugfixes and enhancements

Karl M. Hegbloom <karlheg@debian.org>
cp_mv.c, the test suite, various fixes to utility.c, &c.

Daniel Jacobowitz <dan@debian.org>
mktemp.c

Matt Kraai <kraai@alumni.cmu.edu>
documentation, bugfixes, test suite

Rob Landley <rob@landley.net>
Became busybox maintainer in 2006.

sed (major rewrite in 2003, and I now maintain the thing)
bunzip2 (complete from-scratch rewrite, then mjn3 optimized the result)
sort (more or less from scratch rewrite in 2004, I now maintain it)
mount (rewrite in 2005, I maintain the new one)

Stephan Linz <linz@li-pro.net>
ipcalc, Red Hat equivalence

John Lombardo <john@deltanet.com>
tr

Glenn McGrath <glenn.l.mcgrath@gmail.com>
Common unarchiving code and unarchiving applets, ifupdown, ftpgetput,
nameif, sed, patch, fold, install, uudecode.
Various bugfixes, review and apply numerous patches.

Manuel Novoa III <mjn3@codepoet.org>
cat, head, mkfifo, mknod, rmdir, sleep, tee, tty, uniq, usleep, wc, yes,
msg, vconfig, nice, renice,
make_directory, parse_mode, dirname, mode_string,
get_last_path_component, simplify_path, and a number trivial libbb routines

also bug fixes, partial rewrites, and size optimizations in
ash, basename, cal, cmp, cp, df, du, echo, env, ln, logname, md5sum, mkdir,
mv, realpath, rm, sort, tail, touch, uname, watch, arith, human_readable,
interface, dutmp, ifconfig, route

Vladimir Oleynik <dzo@simtreas.ru>
 cmdedit; bb_mkdep, xargs(current), httpd(current);
 ports: ash, crond, fdisk (initial, unmaintained now), inetd, stty, traceroute,
 top;
 locale, various fixes
 and irreconcilable critic of everything not perfect.

Bruce Perens <bruce@pixar.com>
 Original author of BusyBox in 1995, 1996. Some of his code can
 still be found hiding here and there...

Rodney Radford <rradford@mindspring.com>
 ipcs, ipcrm

Tim Riker <Tim@Rikers.org>
 bug fixes, member of fan club

Kent Robotti <robotti@metconnect.com>
 reset, tons and tons of bug reports and patches.

Chip Rosenthal <chip@unicom.com>, <crosenth@covad.com>
 wget - Contributed by permission of Covad Communications

Pavel Roskin <proski@gnu.org>
 Lots of bugs fixes and patches.

Gyepi Sam <gyepi@praxis-sw.com>
 Remote logging feature for syslogd

Rob Sullivan <cogito.ergo.cogito@gmail.com>
 comm

Linus Torvalds
 mkswap, fsck.minix, mkfs.minix

Linus Walleij
 fbset and fbsplash config RGBA parsing
 rewrite of mdev helper to create devices from /sys/dev

Mark Whitley <markw@codepoet.org>
 grep, sed, cut, xargs(previous),
 style-guide, new-applet-HOWTO, bug fixes, etc.

Charles P. Wright <cpwright@villagenet.com>
 gzip, mini-netcat(nc)

Enrique Zanardi <ezanardi@ull.es>
 tarcat (since removed), loadkmap, various fixes, Debian maintenance

Tito Ragusa <farmatito@tiscali.it>
 devfsd and size optimizations in strings, openvt, chvt, dealloct, hdparm,
 fdformat, lsattr, chattr, id and eject.

Paul Fox <pgf@foxharp.boston.ma.us>
 vi editing mode for ash, various other patches/fixes

Roberto A. Foglietta <me@roberto.foglietta.name>
 port: dnssd

Bernhard Reutner-Fischer <rep.dot.nop@gmail.com>
 misc

Mike Frysinger <vapier@gentoo.org>
initial e2fsprogs, printenv, setarch, sum, misc

Jie Zhang <jie.zhang@analog.com>
fixed two bugs in msh and hush (exitcode of killed processes)

Maxime Coste <mawww@kakoune.org>
paste implementation

Roger Knecht <rknecht@pm.me>
tree

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