RENESAS

RZ/Five Verified Linux Package
Version 3.0.2-update1
Component list

The components listed below are installed to the rootfs when building the RZ/Five Verified Linux Package according to the Release Note. The GPLv3 packages are not installed by default.

Please refer to file:

`$WORK/build/tmp/deploy/images/smarc-rzfive/core-image-minimal-smarc-rzfive.manifest`

`and file:`

`$WORK/build/tmp/deploy/images/smarc-rzfive/core-image-bsp-smarc-rzfive.manifest`

Note)   "`$WORK`" means the working directory used to build the RZ/Five Board Support Package.

	minimal	bsp	**Version**
alsa-conf		✓	1.2.1.2
alsa-states		✓	0.2.0
alsa-topology-conf		✓	1.2.1
alsa-ucm-conf		✓	1.2.1.2
alsa-utils		✓	1.2.1
alsa-utils-aconnect		✓	1.2.1
alsa-utils-alsactl		✓	1.2.1
alsa-utils-alsaloop		✓	1.2.1
alsa-utils-alsamixer		✓	1.2.1
alsa-utils-alsatplg		✓	1.2.1
alsa-utils-alsaucm		✓	1.2.1
alsa-utils-amixer		✓	1.2.1
alsa-utils-aplay		✓	1.2.1
alsa-utils-aseqdump		✓	1.2.1
alsa-utils-aseqnet		✓	1.2.1
alsa-utils-iecset		✓	1.2.1
alsa-utils-midi		✓	1.2.1
alsa-utils-speakertest		✓	1.2.1
attr	✓	✓	2.4.48
base-files	✓	✓	3.0.14
base-passwd	✓	✓	3.5.29

	minimal	bsp	**Version**
bash	✓	✓	3.2.57
bluez5		✓	5.55
bonnie++		✓	1.04
busybox	✓	✓	1.30.1
busybox-hwclock	✓	✓	1.30.1
busybox-syslog	✓	✓	1.30.1
busybox-udhcpc	✓	✓	1.30.1
can-utils		✓	2020.02.04
ckermit		✓	302
connman		✓	1.37
connman-client		✓	1.37
connman-tests		✓	1.37
connman-tools		✓	1.37
connman-wait-online		✓	1.37
coreutils	✓	✓	6.9
dbus-1	✓	✓	1.12.20
dosfstools		✓	2.11
e2fsprogs-badblocks		✓	1.45.7
e2fsprogs-dumpe2fs		✓	1.45.7
e2fsprogs-e2fsck	✓	✓	1.45.7
e2fsprogs-e2scrub		✓	1.45.7
e2fsprogs-mke2fs		✓	1.45.7
e2fsprogs-resize2fs		✓	1.45.7
e2fsprogs-tune2fs		✓	1.45.7
ethtool		✓	5.4
i2c-tools	✓	✓	4.1
init-ifupdown	✓	✓	1.0
initscripts	✓	✓	1.0
initscripts-functions	✓	✓	1.0
iperf3		✓	3.7
iproute2		✓	5.5.0
iptables		✓	1.8.4
iptables-module-ip6t-ah		✓	1.8.4
iptables-module-ip6t-dnat		✓	1.8.4
iptables-module-ip6t-dnpt		✓	1.8.4

	minimal	bsp	**Version**
iptables-module-ip6t-dst		✓	1.8.4
iptables-module-ip6t-eui64		✓	1.8.4
iptables-module-ip6t-frag		✓	1.8.4
iptables-module-ip6t-hbh		✓	1.8.4
iptables-module-ip6t-hl		✓	1.8.4
iptables-module-ip6t-icmp6		✓	1.8.4
iptables-module-ip6t-ipv6header		✓	1.8.4
iptables-module-ip6t-log		✓	1.8.4
iptables-module-ip6t-masquerade		✓	1.8.4
iptables-module-ip6t-mh		✓	1.8.4
iptables-module-ip6t-netmap		✓	1.8.4
iptables-module-ip6t-redirect		✓	1.8.4
iptables-module-ip6t-reject		✓	1.8.4
iptables-module-ip6t-rt		✓	1.8.4
iptables-module-ip6t-snat		✓	1.8.4
iptables-module-ip6t-snpt		✓	1.8.4
iptables-module-ip6t-srh		✓	1.8.4
iptables-module-ipt-ah		✓	1.8.4
iptables-module-ipt-clusterip		✓	1.8.4
iptables-module-ipt-dnat		✓	1.8.4
iptables-module-ipt-ecn		✓	1.8.4
iptables-module-ipt-icmp		✓	1.8.4
iptables-module-ipt-log		✓	1.8.4
iptables-module-ipt-masquerade		✓	1.8.4
iptables-module-ipt-netmap		✓	1.8.4
iptables-module-ipt-realm		✓	1.8.4
iptables-module-ipt-redirect		✓	1.8.4
iptables-module-ipt-reject		✓	1.8.4
iptables-module-ipt-snat		✓	1.8.4
iptables-module-ipt-ttl		✓	1.8.4
iptables-module-ipt-ulog		✓	1.8.4
iptables-modules		✓	1.8.4
iptables-module-xt-addrtype		✓	1.8.4
iptables-module-xt-audit		✓	1.8.4
iptables-module-xt-bpf		✓	1.8.4

	minimal	bsp	**Version**
iptables-module-xt-cgroup		✓	1.8.4
iptables-module-xt-checksum		✓	1.8.4
iptables-module-xt-classify		✓	1.8.4
iptables-module-xt-cluster		✓	1.8.4
iptables-module-xt-comment		✓	1.8.4
iptables-module-xt-connbytes		✓	1.8.4
iptables-module-xt-connlimit		✓	1.8.4
iptables-module-xt-connmark		✓	1.8.4
iptables-module-xt-connsecmark		✓	1.8.4
iptables-module-xt-conntrack		✓	1.8.4
iptables-module-xt-cpu		✓	1.8.4
iptables-module-xt-ct		✓	1.8.4
iptables-module-xt-dccp		✓	1.8.4
iptables-module-xt-devgroup		✓	1.8.4
iptables-module-xt-dscp		✓	1.8.4
iptables-module-xt-ecn		✓	1.8.4
iptables-module-xt-esp		✓	1.8.4
iptables-module-xt-hashlimit		✓	1.8.4
iptables-module-xt-helper		✓	1.8.4
iptables-module-xt-hmark		✓	1.8.4
iptables-module-xt-idletimer		✓	1.8.4
iptables-module-xt-ipcomp		✓	1.8.4
iptables-module-xt-iprange		✓	1.8.4
iptables-module-xt-ipvs		✓	1.8.4
iptables-module-xt-led		✓	1.8.4
iptables-module-xt-length		✓	1.8.4
iptables-module-xt-limit		✓	1.8.4
iptables-module-xt-mac		✓	1.8.4
iptables-module-xt-mark		✓	1.8.4
iptables-module-xt-multiport		✓	1.8.4
iptables-module-xt-nfacct		✓	1.8.4
iptables-module-xt-nflog		✓	1.8.4
iptables-module-xt-nfqueue		✓	1.8.4
iptables-module-xt-osf		✓	1.8.4
iptables-module-xt-owner		✓	1.8.4

	minimal	bsp	**Version**
iptables-module-xt-physdev		✓	1.8.4
iptables-module-xt-pkttype		✓	1.8.4
iptables-module-xt-policy		✓	1.8.4
iptables-module-xt-quota		✓	1.8.4
iptables-module-xt-rateest		✓	1.8.4
iptables-module-xt-recent		✓	1.8.4
iptables-module-xt-rpfilter		✓	1.8.4
iptables-module-xt-sctp		✓	1.8.4
iptables-module-xt-secmark		✓	1.8.4
iptables-module-xt-set		✓	1.8.4
iptables-module-xt-socket		✓	1.8.4
iptables-module-xt-standard		✓	1.8.4
iptables-module-xt-statistic		✓	1.8.4
iptables-module-xt-string		✓	1.8.4
iptables-module-xt-synproxy		✓	1.8.4
iptables-module-xt-tcp		✓	1.8.4
iptables-module-xt-tcpmss		✓	1.8.4
iptables-module-xt-tcpoptstrip		✓	1.8.4
iptables-module-xt-tee		✓	1.8.4
iptables-module-xt-time		✓	1.8.4
iptables-module-xt-tos		✓	1.8.4
iptables-module-xt-tproxy		✓	1.8.4
iptables-module-xt-trace		✓	1.8.4
iptables-module-xt-u32		✓	1.8.4
iptables-module-xt-udp		✓	1.8.4
kbd	✓	✓	2.0.4
kbd-consolefonts	✓	✓	2.0.4
kbd-keymaps	✓	✓	2.0.4
kernel-5.10.145-cip17-yocto-standard		✓	5.10.145+cip17+git0+13dea4598e
kernel-image-5.10.145-cip17-yocto-standard		✓	5.10.145+cip17+git0+13dea4598e
kernel-image-image-5.10.145-cip17-yocto-standard		✓	5.10.145+cip17+git0+13dea4598e
kernel-module-uvcvideo-5.10.145-cip17-yocto-standard		✓	5.10.145+cip17+git0+13dea4598e
kernel-module-videobuf2-common-5.10.145-cip17-yocto-standard		✓	5.10.145+cip17+git0+13dea4598e
kernel-module-videobuf2-dma-contig-5.10.145-cip17-yocto-standard		✓	5.10.145+cip17+git0+13dea4598e

	minimal	bsp	**Version**
kernel-module-videobuf2-memops-5.10.145-cip17-yocto-standard		✓	5.10.145+cip17+git0+13dea4598e
kernel-module-videobuf2-v4l2-5.10.145-cip17-yocto-standard		✓	5.10.145+cip17+git0+13dea4598e
kernel-module-videobuf2-vmalloc-5.10.145-cip17-yocto-standard		✓	5.10.145+cip17+git0+13dea4598e
kmod	✓	✓	26
ldconfig	✓	✓	2.28
libacl1	✓	✓	2.2.53
libasound2		✓	1.2.1.2
libatopology2		✓	1.2.1.2
libblkid1	✓	✓	2.35.1
libc6	✓	✓	2.28
libcap2	✓	✓	2.32
libcap-ng0		✓	0.7.10
libcom-err2	✓	✓	1.45.7
libcrypto1.1		✓	1.1.1n
libdbus-1-3	✓	✓	1.12.20
libdrm2		✓	2.4.101
libdrm-etnaviv1		✓	2.4.101
libdrm-tests		✓	2.4.101
libe2p2	✓	✓	1.45.7
libelf1		✓	0.178
libell0		✓	0.33
libexpat1	✓	✓	2.2.9
libext2fs2	✓	✓	1.45.7
libfdisk1		✓	2.35.1
libffi7		✓	3.3
libflac8		✓	1.3.3
libformw5		✓	6.2
libgcc1	✓	✓	8.3.0
libgcrypt		✓	1.8.4
libglib-2.0-0		✓	2.58.3
libgmp10		✓	6.2.0
libgnutls30		✓	3.6.14
libgpg-error		✓	1.37
libidn2-0		✓	2.3.0
libjpeg62	✓	✓	2.0.4

	minimal	bsp	**Version**
libkmod2	✓	✓	26
libkms1		✓	2.4.101
liblzma5	✓	✓	5.2.4
libmenuw5		✓	6.2
libmnl0		✓	1.0.4
libmount1	✓	✓	2.35.1
libncursesw5		✓	6.2
libnl-3-200		✓	3.5.0
libnl-genl-3-200		✓	3.5.0
libnss-myhostname2	✓	✓	244.5
libogg0		✓	1.3.4
libpam	✓	✓	1.3.1
libpam-runtime	✓	✓	1.3.1
libpanelw5		✓	6.2
libpci3		✓	3.6.4
libpcre1		✓	8.44
libpopt0		✓	1.16
libreadline5		✓	5.2
libsamplerate0		✓	0.1.9
libsmartcols1		✓	2.35.1
libsndfile1		✓	1.0.28
libssl1.1		✓	1.1.1n
libstdc++6	✓	✓	8.3.0
libsystemd0	✓	✓	244.5
libtinfo5	✓	✓	6.2
libudev1	✓	✓	244.5
libunistring2		✓	0.9.10
liburcu		✓	0.11.1
libusb-1.0-0		✓	1.0.22
libuuid1	✓	✓	2.35.1
libv4l	✓	✓	1.18.1
libvorbis		✓	1.3.6
libx11-6	✓	✓	1.6.9
libxau6	✓	✓	1.0.9
libxcb1	✓	✓	1.13.1

	minimal	bsp	**Version**
libxdmcp6	✓	✓	1.1.3
libxml2		✓	2.9.10
libz1	✓	✓	1.2.11
lrzsz		✓	0.12.20
lttng-modules		✓	2.11.6
lttng-tools		✓	2.11.5
lttng-ust		✓	2.11.2
media-ctl	✓	✓	1.18.1
memtester		✓	4.3.0
minicom		✓	2.7.1
mobile-broadband-provider-info		✓	20220511
modutils-initscripts	✓	✓	1.0
mtd-utils		✓	2.1.3
ncurses-terminfo-base	✓	✓	6.2
netbase	✓	✓	6.1
nettle		✓	3.5.1
ofono		✓	1.31
openssl-conf		✓	1.1.1n
os-release	✓	✓	1.0
packagegroup-core-boot	✓	✓	1.0
pam-plugin-deny	✓	✓	1.3.1
pam-plugin-env	✓	✓	1.3.1
pam-plugin-faildelay	✓	✓	1.3.1
pam-plugin-group	✓	✓	1.3.1
pam-plugin-keyinit	✓	✓	1.3.1
pam-plugin-lastlog	✓	✓	1.3.1
pam-plugin-limits	✓	✓	1.3.1
pam-plugin-loginuid	✓	✓	1.3.1
pam-plugin-mail	✓	✓	1.3.1
pam-plugin-motd	✓	✓	1.3.1
pam-plugin-nologin	✓	✓	1.3.1
pam-plugin-permit	✓	✓	1.3.1
pam-plugin-rootok	✓	✓	1.3.1
pam-plugin-securetty	✓	✓	1.3.1
pam-plugin-shells	✓	✓	1.3.1

	minimal	bsp	**Version**
pam-plugin-unix	✓	✓	1.3.1
pam-plugin-warn	✓	✓	1.3.1
pciutils		✓	3.6.4
pciutils-ids		✓	3.6.4
run-postinsts	✓	✓	1.0
shadow	✓	✓	4.8.1
shadow-base	✓	✓	4.8.1
shadow-securetty	✓	✓	4.6
shared-mime-info		✓	1.10
systemd	✓	✓	244.5
systemd-compat-units	✓	✓	1.0
systemd-conf	✓	✓	244.3
systemd-extra-utils	✓	✓	244.5
systemd-serialgetty	✓	✓	1.0
systemd-vconsole-setup	✓	✓	244.5
tcf-agent		✓	1.7.0+git0+a022ef2f1a
udev	✓	✓	244.5
udev-hwdb	✓	✓	244.5
update-alternatives-opkg	✓	✓	0.4.2
update-rc.d	✓	✓	0.8
usbutils		✓	012
util-linux		✓	2.35.1
util-linux-addpart		✓	2.35.1
util-linux-agetty	✓	✓	2.35.1
util-linux-blkdiscard		✓	2.35.1
util-linux-blkid		✓	2.35.1
util-linux-blkzone		✓	2.35.1
util-linux-blockdev		✓	2.35.1
util-linux-cal		✓	2.35.1
util-linux-cfdisk		✓	2.35.1
util-linux-chcpu		✓	2.35.1
util-linux-chmem		✓	2.35.1
util-linux-choom		✓	2.35.1
util-linux-chrt		✓	2.35.1
util-linux-col		✓	2.35.1

	minimal	bsp	**Version**
util-linux-colcrt		✓	2.35.1
util-linux-colrm		✓	2.35.1
util-linux-column		✓	2.35.1
util-linux-ctrlaltdel		✓	2.35.1
util-linux-delpart		✓	2.35.1
util-linux-dmesg		✓	2.35.1
util-linux-eject		✓	2.35.1
util-linux-fallocate		✓	2.35.1
util-linux-fdformat		✓	2.35.1
util-linux-fdisk		✓	2.35.1
util-linux-fincore		✓	2.35.1
util-linux-findfs		✓	2.35.1
util-linux-findmnt		✓	2.35.1
util-linux-flock		✓	2.35.1
util-linux-fsck	✓	✓	2.35.1
util-linux-fsck.cramfs		✓	2.35.1
util-linux-fsfreeze		✓	2.35.1
util-linux-fstrim		✓	2.35.1
util-linux-getopt		✓	2.35.1
util-linux-hardlink		✓	2.35.1
util-linux-hexdump		✓	2.35.1
util-linux-hwclock		✓	2.35.1
util-linux-ionice		✓	2.35.1
util-linux-ipcmk		✓	2.35.1
util-linux-ipcrm		✓	2.35.1
util-linux-ipcs		✓	2.35.1
util-linux-isosize		✓	2.35.1
util-linux-kill		✓	2.35.1
util-linux-last		✓	2.35.1
util-linux-ldattach		✓	2.35.1
util-linux-logger		✓	2.35.1
util-linux-look		✓	2.35.1
util-linux-losetup		✓	2.35.1
util-linux-lsblk		✓	2.35.1
util-linux-lscpu		✓	2.35.1

	minimal	bsp	**Version**
util-linux-lsipc		✓	2.35.1
util-linux-lslocks		✓	2.35.1
util-linux-lslogins		✓	2.35.1
util-linux-lsmem		✓	2.35.1
util-linux-lsns		✓	2.35.1
util-linux-mcookie		✓	2.35.1
util-linux-mesg		✓	2.35.1
util-linux-mkfs		✓	2.35.1
util-linux-mkfs.cramfs		✓	2.35.1
util-linux-mkswap		✓	2.35.1
util-linux-more		✓	2.35.1
util-linux-mount	✓	✓	2.35.1
util-linux-mountpoint		✓	2.35.1
util-linux-namei		✓	2.35.1
util-linux-nologin		✓	2.35.1
util-linux-nsenter		✓	2.35.1
util-linux-partx		✓	2.35.1
util-linux-pivot-root		✓	2.35.1
util-linux-prlimit		✓	2.35.1
util-linux-readprofile		✓	2.35.1
util-linux-rename		✓	2.35.1
util-linux-renice		✓	2.35.1
util-linux-resizepart		✓	2.35.1
util-linux-rev		✓	2.35.1
util-linux-rfkill		✓	2.35.1
util-linux-rtcwake		✓	2.35.1
util-linux-runuser		✓	2.35.1
util-linux-script		✓	2.35.1
util-linux-scriptlive		✓	2.35.1
util-linux-scriptreplay		✓	2.35.1
util-linux-setarch		✓	2.35.1
util-linux-setpriv		✓	2.35.1
util-linux-setsid		✓	2.35.1
util-linux-setterm		✓	2.35.1
util-linux-sfdisk		✓	2.35.1

	minimal	bsp	**Version**
util-linux-su		✓	2.35.1
util-linux-sulogin	✓	✓	2.35.1
util-linux-swaplabel		✓	2.35.1
util-linux-swapoff		✓	2.35.1
util-linux-swapon		✓	2.35.1
util-linux-switch-root		✓	2.35.1
util-linux-taskset		✓	2.35.1
util-linux-ul		✓	2.35.1
util-linux-umount	✓	✓	2.35.1
util-linux-unshare		✓	2.35.1
util-linux-utmpdump		✓	2.35.1
util-linux-uuidd		✓	2.35.1
util-linux-uuidgen		✓	2.35.1
util-linux-uuidparse		✓	2.35.1
util-linux-wall		✓	2.35.1
util-linux-wdctl		✓	2.35.1
util-linux-whereis		✓	2.35.1
util-linux-wipefs		✓	2.35.1
util-linux-write		✓	2.35.1
util-linux-zramctl		✓	2.35.1
v4l-utils	✓	✓	1.18.1
volatile-binds	✓	✓	1.0
watchdog		✓	1.0
wpa-supplicant		✓	2.9
wpa-supplicant-cli		✓	2.9
wpa-supplicant-passphrase		✓	2.9
yavta		✓	0.0

Website and Support

Renesas Electronics Website
http://www.renesas.com/

Inquiries
http://www.renesas.com/contact/

All trademarks and registered trademarks are the property of their respective owner.