

# technicolor



## **CGA4233STO**

### **v19.1B**

## **Open Source Report**

This document aims to describe the Open Source Software which are embedded in product  
CGA4233STO

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# CGA4233STO

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<b>Product</b>	CGA4233ST O
<b>Version</b>	v19.1B
<b>Open Source Modules</b>	172

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Module Name	Module Version	Module License
logrotate	3.8.7	GPL-v2
expat	1.95.8	MIT
tcp-wrappers	7.6	BSDlike
dropbear	2019.78	BSDlike, MITlike
ccsp-lm-lite	rdkb-2018q2+gitauto	Apache-2.0
iperf	2.0.5	BSDlike, ISC, MITlike
base-files	3.0.14	GPL-v2
shadow	4.1.4.3	BSD
cjson	1.7.1	MIT
ccsp-xconf	rdkb-2018q2+gitauto	Apache-2.0
bzip2	1.0.6	BSDlike
ccsp-hotspot-kmod	rdkb-2018q2+gitauto	Apache-2.0
hal-vlan-generic	rdkb-2018q2+gitauto	Apache-2.0
lzo	2.06	GPL-v2
libpgg-error	1.12	GPL-v2
ccsp-cr	rdkb-2018q2+gitauto	Apache-2.0
utopia-trigger	rdkb-2018q2+gitauto	Apache-2.0
dibbler	1.0.1	GPL-v2
libtinyxml	2.6.2	zlib
libpcap	1.5.3	BSD
libnetfilter-contrack	1.0.2	GPL-v2
ccsp-mta-agent	rdkb-2018q2+gitauto	Apache-2.0
glib-2.0	2.48.1	LGPL-v2
rgconsole	1.0	MIT
libmtp	1.1.5	LGPL-v2.1
hal-ethsw-broadcom	rdkb-2018q2+gitauto	Apache-2.0
c-ares	1.12.0	MIT
libupnp	1.6.22	BSD-3-Clause
dbus	1.6.18	AFL-v2.1
usbutils	007	GPL-v2
rfc	rdkb-2018q2+gitauto	Apache-2.0
neon	0.30.0	LGPL-v2
log4c	1.2.3	LGPL-v2.1
eglibc	2.19	LGPL-v2.1
rdm	rdkb-2018q2+gitauto	Apache-2.0
ccsp-psm	rdkb-2018q2+gitauto	Apache-2.0
openssl	1.0.2h	OpenSSL
sysfsutils	2.1.0	GPL-v2
utopia	rdkb-2018q2+gitauto	Apache-2.0
iperf3	3.1.3+gitrauto	BSD

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Module Name	Module Version	Module License
ccsp-common-library	rdkb-2018q2+gitauto	Apache-2.0
ncurses	5.9	MIT
gptfdisk	0.8.10+gitauto	GPL-v2
Mongoose	3.0	MIT
ccsp-misc	rdkb-2018q2+gitauto	Apache-2.0
libsoup-2.4	2.58.1	LGPL-v2
iptables	1.4.21	GPL-v2
dcmjsonparser	rdkb-2018q2+gitauto	Apache-2.0
libproxy	0.4.11	LGPL-v2.1
libcap	2.22	BSD
gcc-runtime	4.8.4	GCC RUNTIME LIBRARY EXCEPTION v3.0
ccsp-gwprovapp	rdkb-2018q2+gitauto	Apache-2.0
libpcre	8.39	BSD
libpam	1.1.6	BSD
lperf2	2.0.5	BSD, MIT
aRes DNS	1.1.0	BSD, MIT
ntp	4.2.8p11	BSD
libnfsidmap	0.25	BSD
OpenBfc	brcm_19_1	MIT-CMU, ISC, MIT, MIT-bellcore-CMU, MD5
libusb1	1.0.9	LGPL-v2.1
ca-certificates	20161130	GPL-v2
e2fsprogs	1.42.9	GPL-v2
smcroute	2.3.1	GPL-v2
rdk-logger	rdkb-2018q2+gitauto	Apache-2.0
test-and-diagnostic	rdkb-2018q2+gitauto	Apache-2.0
ccsp-hotspot	rdkb-2018q2+gitauto	Apache-2.0
wireless-tools	30.pre9	GPL-v2
utopia-hal	rdkb-2018q2+gitauto	BSD
busybox	1.29.3	GPL-v2
curl	7.64.0	MIT
rglinux	4.9	GPL-v2
quagga	1.2.1	GPL-v2
libnetfilter-queue	1.0.2	GPL-v2
mtd-utils	1.5.0+gitauto	GPL-v2
broadcom-bdmfshell	1.0	GPL-v2
KAME IPv6 Stack	n/a	BSD
libmcrypt	2.5.8	LGPL-v2.1
broadcom-lattice	1.0	MIT
hal-mso-mgmt-broadcom	rdkb-2018q2+gitauto	Apache-2.0
hal-dhcpv4c-broadcom	rdkb-2018q2+gitauto	Apache-2.0
ipsec-tools	0.8.2	BSD

Module Name	Module Version	Module License
ccsp-wifi-agent	rdkb-2018q2+gitauto	Apache-2.0
php	7.1.9	Zend-2.0, PHP-3.01
ccsp-moca	rdkb-2018q2+gitauto	Apache-2.0
ccsp-webui-csrf	git+auto	Apache-2.0
ccsp-dmcli	rdkb-2018q2+gitauto	Apache-2.0
ccsp-dslite	gitauto	Apache-2.0
yajl	1.0.9	BSD
conntrack-tools	1.4.0	GPL-v2
bash	3.2.48	GPL-v2
eCos	2.0	eCOS-v2.0
ccsp-home-security	rdkb-2018q2+gitauto	Apache-2.0
avro-c	1.8.1	Apache-2.0
libnfnetlink	1.0.1	GPL-v2
ccsp-webui	rdkb-2018q2+gitauto	Apache-2.0
igmpproxy	1.1	GPL-v2
dtc	1.4.0+gitauto	BSD-2-Clause
syslog	1.0	ClearBSD
libnetfilter-cttimeout	1.0.0	GPL-v2
net-snmp	5.0.9	BSD
crashupload	rdkb-2018q2+gitauto	Apache-2.0
libnl	3.3.0	LGPL-v2.1
Kerberos	5-1.5.1	MIT, MD5
libxml2	2.9.1	MIT
hal-platform-broadcom	rdkb-2018q2+gitauto	Apache-2.0
regex	n/a	Spencer-86
util-linux	2.24.1	BSD
kmod	16+gitauto	LGPL-v2.1
utopia-nfqhandler	rdkb-2018q2+gitauto	Apache-2.0
libtasn1	4.8	LGPL-v2.1
libgcc	4.8.4	GCC RUNTIME LIBRARY EXCEPTION v3.1
hal-cm-broadcom	rdkb-2018q2+gitauto	Apache-2.0
ssmtp	2.64	GPL-v2
expat	2.1.0	MIT
broadcom-wifi	1.0	BSD, MIT
glib-openssl	2.50.3	LGPL-v2
nfs-utils	1.2.9	GPL-v2, BSDlike, MIT
bridge-utils	1.5	GPL-v2
memstress	0.1	Apache-2.0
ccsp-tr069-pa	rdkb-2018q2+gitauto	Apache-2.0
hal-mta-broadcom	rdkb-2018q2+gitauto	Apache-2.0
systemd-libs	216+gitauto	LGPL-v2.1, MIT

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Module Name	Module Version	Module License
lsof	4.87	BSD
systemd-tools	216+gitauto	GPL-v2
iproute2	3.12.0	GPL-v2
tcpdump	4.7.4	BSD
ccsp-cm-agent	rdkb-2018q2+gitauto	Apache-2.0
python	2.7.3	MIT
libtinyxml	n/a	zlib
spawn-fcgi	1.6.3	BSD
popt	1.16	MIT
OpenBfc	brcm_19_1	MIT-CMU, ISC, MIT, MIT-bellcore-CMU, MD5
ez-ipupdate	3.0.11b7	GPL-v2
Standard Function Library	n/a	iMatix
libffi	3.0.13	MIT
zlib	1.2.11	zlib
libmnl	1.0.3	LGPL-v2.1
sysint-broadband	rdkb-2018q2+gitauto	Apache-2.0
dhcpc	4.3.0	BSDlike, BSD-2-Clause, MITlike
broadcom-boltenv	1.0	MIT
Fast CRC32	n/a	FastCRC32
dnsmasq	2.78	GPL-v2
gssdp	0.14.10	LGPL-v2
openssl	1.0.2r	OpenSSL
breakpad-wrapper	rdkb-2018q2+gitauto	Apache-2.0
ebtables	2.0.10-4	GPL-v2
libgcrypt	1.5.3	GPL-v2
hal-moca-generic	rdkb-2018q2+gitauto	Apache-2.0
acl	2.2.52	LGPL-v2.1
ccsp-logagent	rdkb-2018q2+gitauto	Apache-2.0
trower-base64	git+auto	Apache-2.0
libtirpc	0.2.4	BSD
opkg-utils	0.1.8+gitauto	GPL-v2
libevent	2.1.8	BSD
libsyswrapper	1.0	Apache-2.0
dygraphs	1.2	MIT
libnetfilter-cthelper	1.0.0	GPL-v2
gnutls	2.12.24	LGPL-v2.1
ethtool	3.13	GPL-v2
attr	2.4.47	LGPL-v2.1
openssh	7.6p1	BSD
ccsp-snmp-pa	rdkb-2018q2+gitauto	Apache-2.0
net-snmp	5.7.2	BSD

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Module Name	Module Version	Module License
ccsp-p-and-m	rdkb-2018q2+gitauto	Apache-2.0
readline	5.2	GPL-v2
broadcom-rgdriver	1.0	GPL-v2
lighttpd	1.4.45	BSD
jansson	2.7	MIT
hal-gwprovappabs-broadcom	rdkb-2018q2+gitauto	Apache-2.0
iksemel	1.4	LGPL-v2.1
hal-wifi-broadcom	rdkb-2018q2+gitauto	Apache-2.0
rpcbind	0.2.1	BSD