

Terasic Inc. Statement - RoHS Directive Compliance

Terasic Inc. is committed to the protection of the environment in the course of its business activities including compliance with all applicable environmental regulations. Accordingly, this declaration is to certify that to the best of our knowledge, (i) products designated by Terasic Inc. conform to the requirements of the European Parliament and Council Directive 2015/863/EU for the Restriction and use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS), and of the China RoHS with no exemptions; (ii) no lead (Pb) has been intentionally added to the product or any metallic coatings; and (iii) these products are designed to meet the higher temperature reflow required for lead-free processes.

SUPPLIER INFORMATION

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The following table describes the status of Terasic Inc. products with respect to the RoHS Directive, including the availability and expected availability of RoHS compliant products.

Product	RoHS Availability	RoHS Status
12G SDI Daughter Card	Now	In Compliance
2x16 LCD Module (No Backlight)	Now	In Compliance
4.3 Inch LCD Touch Panel Development Kit	Now	In Compliance
5 Mega Pixel Digital Camera Development Package	Now	In Compliance
Accessory Package (for DE2-70/DE2-DE1/CSK)	Now	In Compliance
A-Cute Car	Now	In Compliance
AD/DA Data Conversion Card -HSMC	Now	In Compliance
ADA Daughter Board – GPIO	Now	In Compliance
ADA Daughter Board – HSMC	Now	In Compliance
ADC-SoC	Now	In Compliance
AKiTiO 40Gbps Thunderbolt 3 Cable (0.5m)	Now	In Compliance
Atlas-SoC Kit	Now	In Compliance
Altera Industrial Communication Board-HSMC	Now	In Compliance
Altera DE0 Development and Education board	Now	In Compliance
Altera DE0-Nano Development and Education board	Now	In Compliance
Altera DE1 Development and Education board	Now	In Compliance
Altera DE2 Development and Education board	Now	In Compliance
Altera DE2-115 Development and Education Board	Now	In Compliance

Product	RoHS Availability	RoHS Status
Altera DE2-70 Development and Education board	Now	In Compliance
Altera DE3 Development System	Now	In Compliance
Altera DE4 Development and Education Board	Now	In Compliance
Apollo_Agilex	Now	In Compliance
Apollo_S10	Now	In Compliance
Apollo_S10_Dvk	Now	In Compliance
Aptina Header Board Adaptor(HSMC)	Now	In Compliance
BTS-TMD	Now	In Compliance
CameraLink receiver daughterboard(HSMC)	Now	In Compliance
Capacitive Multi-Touch LCD with Camera Module (MTLC)	Now	In Compliance
Cyclone V GX Starter Kit	Now	In Compliance
D8M-FMC	Now	In Compliance
D8M-GPIO	Now	In Compliance
Data Conversion HSMC Daughter Board(DCC)	Now	In Compliance
DDR3-1866 8G Dual Rank SODIMM	Now	In Compliance
DE0-CV	Now	In Compliance
DE0-Nano-SoC	Now	In Compliance
DE10-Agilex	Now	In Compliance
DE10-Lite	Now	In Compliance
DE10-Nano	Now	In Compliance
DE10-Pro	Now	In Compliance
DE10-Standard	Now	In Compliance
DE1-SoC Board	Now	In Compliance
DE1-SoC-MTL2	Now	In Compliance
DE2i-150 FPGA Development Kit	Now	In Compliance
DE5a-Net	Now	In Compliance
DE5a-Net-DDR4	Now	In Compliance
DE5-Net FPGA Development Kit	Now	In Compliance
Developer Kit for OpenVino™ Toolkit	Now	In Compliance
DUAL XAUI TO SFP+ HSMC BOARD	Now	In Compliance
DVI TX and RX Daughter Board	Now	In Compliance
DVI-HSMC Card	Now	In Compliance
FLIK Board	Now	In Compliance
FMC to GPIO Board	Now	In Compliance

Product	RoHS Availability	RoHS Status
FMC+ Loopback Board	Now	In Compliance
FPGA Cloud Connectivity Kit	Now	In Compliance
FPGA Cloud Connectivity Kit - Wifi	Now	In Compliance
H2G_HSMC to GPIO Daughter Board	Now	In Compliance
HAN Pilot Platform	Now	In Compliance
HDMI TX and RX Daughter Board	Now	In Compliance
HDMI-FMC	Now	In Compliance
HDMI-HSTC 1.4 Daughter Board	Now	In Compliance
HERO	Now	In Compliance
HMF3C Height extension adapter card	Now	In Compliance
HMF3D Height extension adapter card	Now	In Compliance
HPS Expansion Kit	Now	In Compliance
HSMC ARRadio Daughter Card	Now	In Compliance
HSMC Communication Card	Now	In Compliance
HSMC Debug & Loopback Connector Package	Now	In Compliance
HSMC Flex Cable	Now	In Compliance
HSMC to GPIO Daughter Board	Now	In Compliance
HSMC to Santa Cruz / USB / Mictor Card	Now	In Compliance
HSMC to Santa Cruz Daughter Board	Now	In Compliance
HSTC to GPIO Daughter Board (HSMC)	Now	In Compliance
HSTC to GPIO Daughter Board (HSTC)	Now	In Compliance
Industrial Networking Kit (INK)	Now	In Compliance
LT24 Card	Now	In Compliance
MAX 10 NEEK	Now	In Compliance
Max II Micro Kit	Now	In Compliance
Micro USB OTG CABLE	Now	In Compliance
MTL2	Now	In Compliance
NET Daughter Board	Now	In Compliance
NET-FMC	Now	In Compliance
OTB	Now	In Compliance
OpenVINO Starter Kit GT Edition	Now	In Compliance
OpenVino Starter Kit GT Edition Set	Now	In Compliance
PCA3	Now	In Compliance
PCI-X development board	Now	In Compliance

Product	RoHS Availability	RoHS Status
QDR-II+ Module Board	Now	In Compliance
QDR-IV Memory Module for Stratix 10 Board	Now	In Compliance
RFS	Now	In Compliance
SATA/SAS HSMC Card	Now	In Compliance
SDI HSMC Board	Now	In Compliance
Self-Balancing	Now	In Compliance
Serial Interface TMD Card	Now	In Compliance
SFP HSMC Board	Now	In Compliance
SMK	Now	In Compliance
SoCKit - the Development Kit for New SoC Device	Now	In Compliance
Stratix V GX Video Development System	Now	In Compliance
Starter Platform for OpenVino™ Toolkit	Now	In Compliance
T-Core	Now	In Compliance
THCB-HMF2	Now	In Compliance
Terasic PCIe x4 Cable Adapter	Now	In Compliance
Terasic Spider	Now	In Compliance
Terasic SoC System on Module Evaluation KIT	Now	In Compliance
Terasic TR4 FPGA Development Kit	Now	In Compliance
TR10a-HL	Now	In Compliance
TR10a-HL2 Arria 10 FPGA Development Kit	Now	In Compliance
TR10a-LPQ	Now	In Compliance
TR5	Now	In Compliance
TR5-F40W	Now	In Compliance
TR5-Lite	Now	In Compliance
Transceiver to SMA Card (HSMC)	Now	In Compliance
Terasic SoC System on Module Evaluation KIT	Now	In Compliance
TUB	Now	In Compliance
USB Blaster Download Cable	Now	In Compliance
VEEK with Multi-touch Capacitive Panel	Now	In Compliance
VEEK-MT2	Now	In Compliance
VEEK-MT2-C5SoC	Now	In Compliance
VEEK-MT2-C5SoC-Upgrade	Now	In Compliance
VEEK-MT2S	Now	In Compliance
VEEK-MT-C5SoC	Now	In Compliance

Product	RoHS Availability	RoHS Status
VEEK-MT-SoCKit	Now	In Compliance
VEEK-MT-SoCKit Upgrade Kit	Now	In Compliance
VITA FMC Loopback Board	Now	In Compliance
MAX 10 PLUS Development Board	Now	In Compliance
XTS_FMC	Now	In Compliance
XTS-HSMC Card	Now	In Compliance

China RoHS



Product marked with the Electronic Information Products (EIP) pollution control logo identifies that the product conforms with the Requirement for Concentration Limits for Certain Hazardous Substances in EIP (SJ/T T11363-2006) as specified in the Marking for Control of Pollution Caused by EIP (SJ/T T11364-2006) of the Management Methods for the Control of Pollution from EIP by the China Ministry of Information Industry (MII) Order No. 39. This determination is based upon information obtained from sources which Terasic Inc. believes are reliable; however, the information is provided without any representation of warranty, expressed or implied, regarding accuracy or correctness.

* Applicable China RoHS Environmentally Friendly Use Period (EFUP) Symbol is the 10 year EFUP symbol like above.

China RoHS Information:

Material Category	Test Item									
	Cadmium (Cd)	Chromium (Cr)	Lead (Pb)	Mercury (Hg)	Poly Brominated Biphenyls (PBB)	Poly Brominated Diphenyl Ethers (PBDE)	Bis (2-Ethylhexyl) Phthalate (DEHP)	Benzyl Butyl Phthalate (BBP)	Dibutyl Phthalate (DBP)	Diisobutyl Phthalate (DIBP)
Electronic Components	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PCB(without Components)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SMT Process	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Packaging Materials	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
"✓" in grid indicates this substance does not exist in the material category.										
"✗" in grid indicates this substance does exist (in any quantity) in the material category.										

Certified by,

Sean Peng
CEO - Terasic Inc.