

Integrated Device Technology, Inc  
6024 Silver Creek Valley Road  
San Jose, CA 95138

## Certificate of Compliance - RoHS Compliance Declaration

The European Union (EU) Directive 2002/95/EC issued on January 27<sup>th</sup>, 2003 applies to the restriction of the use of certain hazardous substances (RoHS) in electrical and electronic equipment. The EU has subsequently reviewed and recast the directive as RoHS Directive 2011/65/EU (RoHS 2) on June 8<sup>th</sup>, 2011. RoHS 2 repealed and replaced the original RoHS Directive on January 3, 2013. Commission Delegated Directive (EU) 2015/863 of 31 March 2015 amends Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards to the list of restricted substances.

This declaration is to certify that all IDT Green Parts/Packages include Crystal Oscillator packages meet the requirements of Directive 2011/65/EU and Delegated Directive (EU) 2015/863 with no exemptions.

As shown in Appendix A and pursuant to Article 4 of the RoHS directive and Annex II of (EU) 2015/863, IDT Green parts do not contain the restricted materials above their respective limits. Also, this declaration confirms that IDT's Green parts comply with the additional package material limits of RoHS 2 and other industry related substance restrictions.

This information concerning the substances contained in products is based on information provided by third parties. IDT does not routinely conduct destructive testing or chemical analysis of incoming material, and does not warranty and guarantee the accuracy of the information. IDT does, however, possess a reasonable belief that the information herein is representative and accurate.

This declaration refers to the product and does not include packing materials, such as trays, plastic bands, plastic tubes, cardboard boxes, etc.

Signature:



Date: April 24 , 2018

Name: LS Koay

Title: QA Manager

**APPENDIX A:  
IDT Green Parts Restricted Substance Limits (No Exemptions)**

RoHS Restricted Substance		Allowable Limit
Cadmium and its compounds		100 ppm (0.01 weight %)
Mercury and its compounds		1000 ppm (0.1 weight %)
Hexavalent chromium and its compounds		1000 ppm (0.1 weight %)
Lead and its compounds		1000 ppm (0.1 weight %)
Polybrominated biphenyls (PBB)		1000 ppm (0.1 weight %)
Polybrominated diphenyl ethers (PBDE) (including DecaBDE)		1000 ppm (0.1 weight %)
Perfluorooctane Sulfonates (PFOS) CAS# 1763-23-1		Not Contained
Perfluorooctanoic acid (PFOA) CAS# 335-67-1		Not Contained
Ozone Depleting Substances (ODS)		Not Used in Manufacturing/ Not Intentionally Added
Polyvinyl chloride (PVC) and PVC blends		Not Used in Manufacturing/ Not Intentionally Added
HBCDD – Hexabromocyclododecane, CAS# 25637-99-4, 3194-55-6		Not Contained
DEHP – Bis (2-ethylhexyl) phthalate, CAS# 117-81-7		Not Contained
BBP – Butyl benzyl phthalate, CAS# 85-68-7		Not Contained
DBP – Dibutyl phthalate, CAS# 84-74-2		Not Contained
DIBP – Diisobutyl phthalate, CAS #84-69-5		Not Used in Manufacturing/ Not Intentionally Added
Other Restricted Substances		Allowable Limit
Halogen Free	Bromine (Br) CAS# 7726-95-6*	900 ppm
	Chlorine (Cl) CAS# 7782-50-5	900 ppm
	Bromine (Br) CAS# 7726-95-6 + Chlorine (Cl) CAS# 7782-50-5	1500 ppm
Antimony (Sb) CAS# 7440-36-0*		750 ppm
Antimony Trioxide (Sb <sub>2</sub> O <sub>3</sub> ) CAS# 1309-64-4		ND
Red Phosphorus (P <sub>4</sub> ) CAS# 7723-14-0		100 ppm
TBTO (Tributyltin Oxide) CAS# 56-35-9		Not Used in Manufacturing/ Not Intentionally Added

\*Concentration limit is applicable to polymeric material only such as mold compound