

RoHS Compliance Material Declaration Report

Company:	Pericom	Address:	3545 North First Street, San Jose, CA, 95134
Name:	Nang Su	Phone number:	(408) 435 0800
Title:	Quality Engineer	Date:	3/9/2007
e-mail:	nsu@pericom.com		

Part Detail					
Pericom Part Number	Manufacturer part description	Package Type	Number of Pin/Terminal	Component overall weight	
PI2DBS412ZHE	1.8V, 4-Differential Channel	TQFN	42	0.07837	

RoHS Compliance		
Is Part compliant to EU RoHS Directive? <i>[1] Yes, [2] Yes with tech exemption* [3] Yes but needs product application exemption* [4] No</i>	RoHS tech exemption [2] details.	Date Component was RoHS Compliant.
Yes	N/A	Since Inception

Content of RoHS restricted materials (g)						
Lead	Cadmium	Mercury	Hexavalent Chromium	Polybrominated biphenyls (PBB)	Polybrominated Diphenylethers (PBDE)	RoHS restricted substance added intentionally? For what reason?
0	0	0	0	0	0	N/A

Component Soldering Process						
Interconnect Composition, (Metallurgy of the lead/terminal)	JEDEC JEDS97 Pb-free Category	Compatible with a 260C 10s Pb-Free assembly process	Backward compatible with SnPb assembly	Maximum Processing Temperature (°C)	Max Temperature Duration	Max Number of reflow cycles
Ni/Pd/Au	e4	Yes	Yes	260	40	3

Plastics (if applicable)			
Oxygen Index	Type of plastic material used in the component	Fire: UL Rating	MSL Level (per JEDEC STD 020C)
>28%	Epoxy Resin	V-0	2

Tin (Sn) Plating (If Applicable)					
Tin (Sn) Plating – is it Matte (M) or Bright (B)?	Tin (Sn) Plating Thickness	Tin (Sn) plating is there a Nickel (Ni) Barrier? - Yes / No	Nickel Barrier Thickness	If no Nickel barrier is the tin (Sn) termination finish heat treated?	Performed Tin Whisker Test ?
N/A	N/A	N/A	N/A	N/A	N/A

Bismuth (Bi)
Bismuth (Bi) Content (if applicable)
0



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Pericom Part Number	Manufacturer Part Description	Package Type	Number of Pin/Terminal	Component overall maximum weight (g)	Is Part compliant to EU RoHS Directive? [1] Yes, [2] Yes with tech exemption* [3] Yes but needs product application exemption* [4] No	If using a RoHS tech exemption [2], please elaborate on the exemption details.	Date Component was RoHS Compliant.	Provide content of each RoHS restricted material in grams (g)						If yes to any RoHS restricted material, is this substance added intentionally? For what reason?
								Lead	Cadmium	Mercury	Hexavalent Chromium	Polybrominated biphenyls (PBB)	Polybrominated Diphenylethers (PBDE)	
PI2DBS41ZZHE	1.8V, 4-Differential Channel	TOFN	42	0.07837	Yes	NA	Since Inception	0	0	0	0	0	0	N/A

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Reportable Substances.

Provide content of each material in grams (g)

Pericom Part Number	Polychlorinated biphenyl (PCBs)	Polychlorinated Naphthalene's	Asbestos	Azo Colorants	Ozone Depleting Substances	Radioactive Substances	Short chain Chlorinated Paraffins	Triphenyl Tin (TPT)	Tributyl Tin (TBT)	Tributyl Tin Oxide (TBTO)	Antimony/Antimony Compounds
	value in grams	value in grams	value in grams	value in grams	value in grams	value in grams	value in grams	value in grams	value in grams	value in grams	value in grams
PI2DBS412ZHE	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

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Arsenic/Arsenic Compounds	Beryllium/Beryllium Compounds	Bismuth/Bismuth Compounds	Brominated Flame Retardants	Copper/Copper Compounds	Gold/Gold Compounds	Magnesium	Nickel/Nickel Compounds	Palladium/Palladium Compounds	Phthalates	Selenium/Selenium Compounds	Silver/Silver Compounds
value in grams	value in grams	value in grams	value in grams	value in grams	value in grams	value in grams	value in grams	value in grams	value in grams	value in grams	value in grams
0.000000	0.000000	0.000000	0.000000	0.038661	0.000989	0.000000	0.000153	0.000010	0.000000	0.000000	0.000966

