Compliant with IEC 62474/ D9.00

MICROCHIP				Termination Base Alloy: Copper Alloy (Cu)			Package Homogeneous Materials: 8.1 Electronics (e.g. pc boards, displays)			
Semiconductor Device Type:	ET	(J7X) 005 DDPAK Matte Tin "Contained In"	% Total					1		e3
Basic Substance	CAS Number	Sub-Component	Weight	mg/part	ppm	563.65	(mg) Total	Mold Compound	% ot Total Weight	38.54
Fused Silica	60676-86-0	Mold Compound	33.915	496.010	339,152		Fused Silica	60676-86-0	88.00	
Epoxy Resin	Trade Secret	Mold Compound	2.409	35.228	24,088	1	Epoxy Resin	Trade Secret	6.25	
Phenol Resin	Trade Secret	Mold Compound	2.120	31.001	21,197		Phenol Resin	Trade Secret	5.50	
Carbon Black	1333-86-4	Mold Compound	0.096	1.409	964		Carbon Black	1333-86-4	0.25	
Copper	7440-50-8	Lead Frame	58.268	852.175	582,684			Total	100.00	
Tin	7440-31-5	Lead Frame	0.098	1.436	982	870.19	(mg) Total	Lead Frame	% of Total Weight	59.5
Silver	7440-22-4	Lead Frame	1.133	16.577	11,335		Copper	7440-50-8	97.93	
Silver (Ag)	7440-22-4	Die Attach	0.079	1.148	785		Tin	7440-31-5	0.17	
Proprietary Resin	Trade Secret	Die Attach	0.019	0.271	185		Silver	7440-22-4	1.91	<u> </u>
Proprietary Curing agent & Hardener	Trade Secret	Die Attach	0.003	0.044	30			Total	100.00	
Silicon	7440-21-3	Chip (Die)	1.150	16.819	11,500	1.46	(mg) Total	Die Attach	% of Total Weight	0.1
Gold	7440-57-5	Wire Bond	0.100	1.463	1,000		Silver (Ag)	7440-22-4	78.50	
Tin	7440-31-5	Plating on external leads (pins) - Matte Tin / annealed at 150°C for 1 hour	0.610	8.921	6,100		Proprietary Resin	Trade Secret	18.50	
		TOTALS:	100.000	1,462.500	1,000,000	Proprietar	y Curing agent & Hardener	Trade Secret	3.00	
	1.4625	g Total Mass						Total	100.00	
chnology Incorporated's knowledge and belief as of	the date of this o	stance is NOT an intentional ingredient in the semico document, there is no credible reason to believe that						Total	100.00	_
hemical substance, if any, is not below the threshold of regulatory concern for any regulatory scheme world-wide.  loiding compounds used by Microchip meet the UL94 V0 flammability standard for plastics. You can access the UL iQTM family of databases to obtain a test report at  ttp://ul.com/global/eng/pages/offerings/industries/chemicals/plastics/						1.46	(mg) Total	Wire Bond	% of Total Weight	0.1
he protective "tubes" in which the specific product is shipped are made from polyvinyl chloride (PVC) plastic. "Window envelopes" used to hold the packing slip on the uter box and certain "reels" may be made from PVC plastic.							Gold	7440-57-5	100.00	
icrochip Technology Incorporated believes the information in this form concerning substances restricted by RoHS in Microchip Technology Incorporated's emiconductor devices in their original packing materials is true and correct to the best of its knowledge and belief, as of the date listed in this form. Microchip echnology Incorporated cannot guarantee the completeness and accuracy of data in this form because it has been compiled based on the ranges provided in Material afety Data Sheets provided by raw material suppliers. Supplier information is often protected from disclosure as trade secrets and some information may not have been rovided by subcontract assemblers and raw material suppliers. Information is provided only as estimates of the average weight of these parts and the average weight of thicipated significant toxic metals components. These estimates do not include trace levels of dopants, metals, and non-metal materials contained within silicon devices illicon IC) in the finished parts.								Total	100.00	<u>.</u>
flicrochip Technology Incorporated does not provide any warranty, express or implied, with respect to the information provided in this declaration. The exclusive, limited roduct warranties provided by Microchip Technology Incorporated and its subsidiaries are contained in Microchip's standard terms and conditions of sale. These are rovided in Microchip's quotations, sales order acknowledgement, and invoices.						8.92	(mg) Total	Plating on external leads (pins) - Matte Tin / annealed at 150°C for 1 hour	% of Total Weight	0.61
Microchip disclaims any duty to notify users of updates or changes to Material Content Declarations and shall not be liable for any damages, direct or indirect, consequential or otherwise, suffered by users or third parties as a result of the users' reliance on the information in Material Content Declarations (MCD) or independent hird party test reports (SGS) or of this Certificate of Compliance for semiconductor products.							Tin	7440-31-5	100.00	
Assembled package referenced above is EU REACH compliant based on the latest SVHC candidate list of ECHA which can be found at nttp://echa.europa.eu/web/guest/candidate-list-table						Total 100.00				

Au 1:56 PM : 8/17/2015