Silica, vitreous 60   Epoxy Resin Tra   Phenolic Resin Tra   Epoxy, Cresol Novolac 29   Carbon Black 15   Copper 74	<b>S Number</b> 0676-86-0 ade Secret ade Secret 0690-82-2 333-86-4	"Contained In" Sub-Component Mold Compound Mold Compound	% Total Weight					<del>,</del>		
Epoxy Resin     Tra       Phenolic Resin     Tra       Epoxy, Cresol Novolac     29       Carbon Black     13       Copper     74	ade Secret ade Secret 9690-82-2 333-86-4		-	mg/part	mag	13.30	(mg) Total	Mold Compound	% ot Total Weight	53.00
Epoxy Resin     Tra       Phenolic Resin     Tra       Epoxy, Cresol Novolac     29       Carbon Black     13       Copper     74	ade Secret ade Secret 9690-82-2 333-86-4		45.050	11.308	450.500	[	Silica, vitreous	60676-86-0	85.00	
Phenolic Resin Tra Epoxy, Cresol Novolac 29 Carbon Black 11 Copper 74	ade Secret 9690-82-2 333-86-4		3.246	0.815	32,463		Epoxy Resin	Trade Secret	6.13	1
Epoxy, Cresol Novolac 29 Carbon Black 13 Copper 74	333-86-4	Mold Compound	3,246	0.815	32,463		Phenolic Resin	Trade Secret	6.13	1
Carbon Black 13 Copper 74	333-86-4	Mold Compound	1,299	0.326	12,985		Epoxy, Cresol Novolac	29690-82-2	2.45	1
Copper 74		Mold Compound	0.159	0.040	1.590		Carbon Black	1333-86-4	0.30	1
÷+FF+	440-50-8	Lead Frame	39.096	9.813	390,964	L	Carbon Diack	Total	100.00	
	440-02-0	Lead Frame	1.043	0.262	10,427	10.30	(mg) Total	Lead Frame	% of Total Weight	41.05
						10.30				41.05
	440-21-3	Lead Frame	0.185	0.046	1,847		Copper	7440-50-8	95.24	1
	439-95-4	Lead Frame	0.041	0.010	411 6.851		Nickel	7440-02-0	2.54	1
	440-22-4	Lead Frame	0.685	0.172			Silicon	7440-21-3	0.45	1
	440-22-4	Die Attach	0.912	0.229	9,120		Magnesium	7439-95-4	0.10	1
	ade Secret	Die Attach	0.228	0.057	2,280		Silver	7440-22-4	1.67	i i
	440-21-3	Chip (Die)	2.550	0.640	25,500			Total	100.00	
	440-57-5	Wire Bond	0.420	0.105	4,200	0.29	(mg) Total	Die Attach	% of Total Weight	1.14
Tin 74	440-31-5	Plating on external leads (pins) - Matte Tin / annealed at 150°C for 1 hour	1.840	0.462	18,400		Silver (Ag)	7440-22-4	80.00	
		TOTALS:	100.000	25.100	1,000,000		Epoxy Resin	Trade Secret	20.00	1
	0.0251	g Total Mass						Total	100.00	
Compliance with the above EU Directives has been verified via internal des If a chemical substance is absent from the list above, the chemical substan Incorporated's knowledge and belief as of the date of this document, there below the threshold of regulatory concern for any regulatory scheme work	nce is NOT a	an intentional ingredient in the semiconductor device and					Doped Silicon	7440-21-3 Total	100.00 <b>100.00</b>	
Molding 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 http://ul.com/global/eng/pages/offerings/industries/chemicals/plastics/						0.11	(mg) Total	Wire Bond	% of Total Weight	0.42
The 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 outer box and certain "reels" may be made from PVC plastic.							Gold	7440-57-5	100.00	
Microchip Technology Incorporated believes the information in this form co original packing materials is true and correct to the best of its knowledge a and accuracy of data in this form because it has been compiled based on to protected from disclosure as trade secrets and some information may not of the average weight of these parts and the average weight of anticipated materials contained within silicon devices (silicon IC) in the finished parts.	and belief, a the ranges p have been   I significant	is of the date listed in this form. Microchip Technology Inc provided in Material Safety Data Sheets provided by raw m provided by subcontract assemblers and raw material sup	corporated cannot g naterial suppliers. Su opliers. Information i	uarantee the o pplier inform s provided or	completeness ation is often Ily as estimates			Total	100.00	
Microchip Technology Incorporated does not provide any warranty, express or implied, with respect to the information provided in this declaration. The exclusive, limited product warranties provided by Microchip Technology Incorporated and its subsidiaries are contained in Microchip's standard terms and conditions of sale. These are provided in Microchip's quotations, sales order acknowledgement, and invoices.						0.46	(mg) Total	Plating on external leads (pins) - Matte Tin / annealed at 150°C for 1 hour	% of Total Weight	1.84
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 third 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 th http://echa.europa.eu/web/guest/candidate-list-table	he latest SV	HC candidate list of ECHA which can be found at				25.10		Total	100.00	100.00