MICROCHIP Semiconductor Device Type: N2X_SSOP_28_0.209in_MatteTin			1							
Sub-Component	Basic Substance	CAS Number	% Total Weight	mg/part	ppm	17.18	(mg) Total	Wafer	% of Total Weight	7.50
Wafer	Silicon	7440-21-3	7.50	17.18	75000		Silicon	7440-21-3	100.00	
Leadframe	Copper	7440-50-8	10.65	24.40	106546		•	Total	100.00	
Leadframe	Iron	7439-89-6	0.25	0.58	2530					
Leadframe	Lead	7439-92-1	0.00	0.00	11	25.19	(mg) Total	Leadframe	% of Total Weight	11.00
Leadframe	Phosphorus	7723-14-0	0.01	0.02	88		Copper	7440-50-8	96.86	
Leadframe	Zinc	7440-66-6	0.01	0.03	110		Iron	7439-89-6	2.30	-
Leadframe	Silver	7440-22-4	0.07	0.16	715		Lead	7439-92-1	0.01	
Die Attach Epoxy	Silver	7440-22-4	0.63	1.44	6300		Phosphorus	7723-14-0	0.08	
Die Attach Epoxy	exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate	7534-94-3	0.06	0.13	563		Zinc	7440-66-6	0.10	
Die Attach Epoxy	Dodecyl acrylate	2156-97-0	0.06	0.13	563		Silver	7440-22-4	0.65	
Die Attach Epoxy	1,6-Hexanediol diacrylate	13048-33-4	0.00	0.01	38			Total	100.00	
Die Attach Epoxy	1-Methyl-2-pyrrolidone	872-50-4	0.00	0.01	38					
Mold Compound	Silica Fused	60676-86-0	69.59	159.35	695858	1.72	(mg) Total	Die Attach Epoxy	% of Total Weight	0.75
Mold Compound	Epoxy Resin	Trade Secret	3.97	9.08	39650		Silver	7440-22-4	84.00	
Mold Compound	Epoxy, Cresol Novolac	29690-82-2	1.59	3.63	15860		exo-1,7,7-trimethylbicyclo[2.2.1]hept-2- yl methacrylate	7534-94-3	7.50	
Mold Compound	Phenol Resin	Trade Secret	3.97	9.08	39650		Dodecyl acrylate	2156-97-0	7.50	
Mold Compound	Carbon Black	1333-86-4	0.20	0.45	1983		1,6-Hexanediol diacrylate	13048-33-4	0.50	
Wire	Gold	7440-57-5	0.20	0.46	2000		1-Methyl-2-pyrrolidone	872-50-4	0.50	
Anode Ball	Tin	7440-31-5	1.25	2.86	12500			Total	100.00	
		TOTALS:	100.00	229.00	1,000,000					
229.00 mg Total Mass						181.60	(mg) Total	Mold Compound	% of Total Weight	79.30
L						Silica Fused	60676-86-0	87.75		
e information contained in this Material Content Declaration (MCD) consists of package-level information and is not part number specific. This information is considered to be						Epoxy Resin	Trade Secret	5.00		
ntly representative of all part nun	nbers for the package type.						Epoxy, Cresol Novolac	29690-82-2	2.00	
					L		Phenol Resin	Trade Secret	5.00	
	gns all products to comply with global product material compliance						Carbon Black	1333-86-4	0.25	
nally, Microchip products are des hip.com or ask your local sales re	igned to be compliant with IEC62474. For specific compliance info	rmation, please check our pr	roduct material co	mpliance website	on			Total	100.00	
p.oo o. don your room sales re	-p					0.46	(mg) Total	Wire	% of Total Weight	0.20
rochip Technology Incorporated believes the information in this MCD is true and correct to the best of its knowledge and belief, as of the date listed in this form. Microchip Technology							Gold	7440-57-5	100.00	-
	pleteness and accuracy of data in this form because it has been co							Total	100.00	

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