Compliant with IEC 62474/ D9.00

MICROCHIP  Semiconductor Device Type: MN (8QX) 008 TDFN 2x3x0.75mm NiPdAu				Termination Base Alloy: Copper Alloy (Cu)			Package Homogeneous Materials: 8.1 Electronics (e.g. pc boards, displays)			
Basic Substance	CAS Number	"Contained In" Sub-Component	% I otal Weight	malnort	nnm	25.74	(mg) Total	Mold Compound	% ot Total Weight	53.08
Silica, vitreous (or fused)	60676-86-0	Mold Compound	45.118	mg/part 21.882	<b>ppm</b> 451,180		Silica, vitreous (or fused)	60676-86-0	85.00	
Epoxy Resin	Trade Secret	Mold Compound	45.116	2.240	46,180		Epoxy Resin	Trade Secret	85.00	
Phenolic Resin	Trade Secret	Mold Compound	3,185	1.545	31.848		Phenolic Resin	Trade Secret	6.00	
Carbon Black	1333-86-4	Mold Compound	0.159	0.077	1,592		Carbon Black	1333-86-4	0.30	
Copper	7440-50-8	Lead Frame	39.338	19.079	393,384			Total	100.00	
Iron	7439-89-6	Lead Frame	0.930	0.451	9.299	19.61	(mg) Total	Lead Frame	% of Total Weight	40.43
Phosphorous	7723-14-0	Lead Frame	0.101	0.049	1,011	13.01	Copper	7440-50-8	97.30	40.40
Zinc (Metal)	7440-44-0	Lead Frame	0.061	0.029	606		Iron	7439-89-6	2.30	
Silver	7440-22-4	Die Attach	0.146	0.071	1,463		Phosphorous	7723-14-0	0.25	
Epoxy resin	Trade Secret	Die Attach	0.038	0.018	380		Zinc (Metal)	7440-44-0	0.15	
Metal oxide	Trade Secret	Die Attach	0.006	0.003	57			Total	100.00	
Silicon	7440-21-3	Chip (Die)	3.980	1.930	39.800	0.09	(mg) Total	Die Attach	% of Total Weight	0.19
Gold	7440-57-5	Wire Bond	0.560	0.272	5.600	0.00	Silver	7440-22-4	77 77	0.10
Nickel	7440-02-0	Plating on external leads (pins)	1,584	0.768	15.840		Epoxy resin	Trade Secret	20	
Palladium	7440-05-3	Plating on external leads (pins)	0.088	0.043	880		Metal oxide	Trade Secret	3	
Gold	7440-57-5	Plating on external leads (pins)	0.088	0.043	880			Total	100.00	
				48.500	1,000,000	1.93	Total (mg)	Chip (Die)	% of Total Weight	3.98
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and 2002/53/EC (End-of-Life Vehicles (ELV) without of	exemption (zero)	95/EC (27 January 2003) & Directive 2011/65/EU (				0.27	Dope Silicon	7440-21-3 Total	100	0.56
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Au 10:30 AM : 8/17/2015