



Material Content Data Sheet



Sales Product Name				6EDL04N06PT		Issued		22. July 2019	
MA#				MA005353316					
Package				PG-DSO-28-48		Weight*		807.70 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	inorganic material	silicon	7440-21-3	3.034	0.38	0.38	3757	3757	
leadframe	inorganic material	phosphorus	7723-14-0	0.069	0.01		86		
		non noble metal	zinc	7440-66-6	0.277	0.03		343	
		non noble metal	iron	7439-89-6	5.547	0.69		6868	
wire	non noble metal	copper	7440-50-8	225.231	27.89	28.62	278853	286150	
		noble metal	gold	7440-57-5	0.995	0.12	0.12	1232	1232
		organic material	carbon black	1333-86-4	1.707	0.21		2114	
encapsulation	plastics	epoxy resin	-	66.580	8.24		82431		
		inorganic material	silicondioxide	60676-86-0	500.771	62.00	70.45	619989	704534
		leadfinish	noble metal	silver	7440-22-4	0.001	0.00		1
noble metal	palladium			7440-05-3	0.001	0.00		2	
noble metal	gold			7440-57-5	0.002	0.00		3	
plating	non noble metal	nickel	7440-02-0	2.122	0.26	0.26	2628	2634	
		noble metal	silver	7440-22-4	0.000	0.00		1	
		noble metal	gold	7440-57-5	0.000	0.00		1	
glue	noble metal	palladium	7440-05-3	0.000	0.00		1		
		non noble metal	nickel	7440-02-0	0.198	0.02	0.02	245	248
		plastics	epoxy resin	-	0.292	0.04		361	
*deviation	< 10%			0.875	0.11	0.15	1084	1445	
Sum in total:						100.00		1000000	

Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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