

Material Content Data Sheet

RoHS | Halogen-Free

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	
	non noble metal	copper	7440-50-8	225.231	27.89	28.62	278853	286150
wire	noble metal	gold	7440-57-5	0.995	0.12	0.12	1232	1232
encapsulation	organic material	carbon black	1333-86-4	1.707	0.21		2114	
	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	
	non noble metal	nickel	7440-02-0	2.122	0.26	0.26	2628	2634
plating	noble metal	silver	7440-22-4	0.000	0.00		1	
	noble metal	gold	7440-57-5	0.000	0.00		1	
	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
glue	plastics	epoxy resin	-	0.292	0.04		361	
	noble metal	silver	7440-22-4	0.875	0.11	0.15	1084	1445
*deviation	< 10%				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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