

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EDN8550B	**Issued**	14. February 2022
MA#	MA005622143		
Package	PG-SOT23-6-3	**Weight***	18.60 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	0.480	2.58	2.58	25795	25795
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		117	
	non noble metal	zinc	7440-66-6	0.009	0.05		470	
	non noble metal	iron	7439-89-6	0.175	0.94		9396	
	non noble metal	copper	7440-50-8	7.097	38.15	39.15	381504	391487
wires	noble metal	palladium	7440-05-3	0.001	0.01		53	
	non noble metal	copper	7440-50-8	0.098	0.53	0.54	5263	5316
encapsulation	organic material	carbon black	1333-86-4	0.020	0.11		1055	
	plastics	epoxy resin	-	1.501	8.07		80684	
	inorganic material	silicondioxide	60676-86-0	8.289	44.55	52.73	445610	527349
leadfinish	non noble metal	tin	7440-31-5	0.465	2.50	2.50	24987	24987
plating	noble metal	silver	7440-22-4	0.175	0.94	0.94	9388	9388
glue	plastics	acrylic resin	-	0.064	0.34		3449	
	noble metal	silver	7440-22-4	0.227	1.22	1.56	12229	15678
*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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