



Material Content Data Sheet



Halogen-Free

Sales Product Name	2ED24427N01F	Issued	18. August 2021
MA#	MA005350913		
Package	PG-DSO-8-900	Weight*	83.13 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	6.966	8.38	8.38	83796	83796
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		104	
	non noble metal	zinc	7440-66-6	0.035	0.04		417	
	non noble metal	iron	7439-89-6	0.694	0.83		8344	
	non noble metal	copper	7440-50-8	28.167	33.88	34.76	338817	347682
wire	noble metal	gold	7440-57-5	0.332	0.40	0.40	3995	3995
encapsulation	organic material	carbon black	1333-86-4	0.079	0.10		952	
	plastics	epoxy resin	-	4.671	5.62		56191	
	inorganic material	silicondioxide	60676-86-0	34.836	41.91	47.63	419050	476193
leadfinish	non noble metal	tin	7440-31-5	0.867	1.04	1.04	10428	10428
plating	noble metal	silver	7440-22-4	0.649	0.78	0.78	7810	7810
glue	plastics	acrylic resin	-	1.282	1.54		15421	
	noble metal	silver	7440-22-4	4.545	5.47	7.01	54675	70096
*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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