

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2EDN8533R	**Issued**	09. February 2022
MA#	MA005563685		
Package	PG-TSSOP-8-2	**Weight***	25.63 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	0.729	2.85	2.85	28466	28466
leadframe	non noble metal	magnesium	7439-95-4	0.016	0.06		629	
	inorganic material	silicon	7440-21-3	0.070	0.27		2726	
	non noble metal	nickel	7440-02-0	0.322	1.26		12580	
	non noble metal	copper	7440-50-8	10.337	40.34	41.93	403413	419348
wires	noble metal	palladium	7440-05-3	0.001			30	
	non noble metal	copper	7440-50-8	0.077	0.30	0.30	2990	3020
encapsulation	organic material	carbon black	1333-86-4	0.039	0.15		1507	
	plastics	epoxy resin	-	1.248	4.87		48719	
	inorganic material	silicondioxide	60676-86-0	11.583	45.21	50.23	452031	502257
leadfinish	noble metal	silver	7440-22-4	0.000			7	
	noble metal	palladium	7440-05-3	0.000			8	
	noble metal	gold	7440-57-5	0.000			13	
	non noble metal	nickel	7440-02-0	0.348	1.36	1.36	13574	13602
plating	noble metal	silver	7440-22-4	0.000			6	
	noble metal	palladium	7440-05-3	0.000			7	
	noble metal	gold	7440-57-5	0.000			12	
	non noble metal	nickel	7440-02-0	0.302	1.18	1.18	11781	11806
glue	plastics	acrylic resin	-	0.110	0.43		4300	
	noble metal	silver	7440-22-4	0.441	1.72	2.15	17201	21501
*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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