

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2EDN8524R	**Issued**	11. April 2021
MA#	MA001956368		
Package	PG-TSSOP-8-2	**Weight***	25.69 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	0.877	3.41	3.41	34147	34147
leadframe	non noble metal	magnesium	7439-95-4	0.016	0.06		627	
	inorganic material	silicon	7440-21-3	0.070	0.27		2719	
	non noble metal	nickel	7440-02-0	0.322	1.25		12548	
	non noble metal	copper	7440-50-8	10.337	40.24	41.82	402372	418266
wires	noble metal	palladium	7440-05-3	0.001			43	
	non noble metal	copper	7440-50-8	0.109	0.42	0.42	4245	4288
encapsulation	organic material	carbon black	1333-86-4	0.038	0.15		1484	
	plastics	epoxy resin	-	1.233	4.80		47979	
	inorganic material	silicondioxide	60676-86-0	11.437	44.53	49.48	445163	494626
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	1.35	1.35	13539	13567
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	11751	11776
glue	plastics	acrylic resin	-	0.120	0.47		4666	
	noble metal	silver	7440-22-4	0.479	1.87	2.34	18664	23330
*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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