

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2EDN7523G	**Issued**	27. April 2022
MA#	MA005728681		
Package	PG-WSON-8-4	**Weight***	20.33 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	0.594	2.92	2.92	29199	29199
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		125	
	non noble metal	zinc	7440-66-6	0.010	0.05		500	
	non noble metal	iron	7439-89-6	0.203	1.00		10007	
	non noble metal	copper	7440-50-8	8.261	40.65	41.71	406320	416952
wires	noble metal	palladium	7440-05-3	0.001			27	
	non noble metal	copper	7440-50-8	0.054	0.27	0.27	2661	2688
encapsulation	organic material	carbon black	1333-86-4	0.102	0.50		5041	
	non noble metal	metal hydroxide	-	0.205	1.01		10082	
	inorganic material	amorphous silica	7631-86-9	0.717	3.53		35289	
	plastics	epoxy resin	-	1.025	5.04		50412	
	inorganic material	silicondioxide	60676-86-0	8.199	40.33	50.41	403297	504121
leadfinish	noble metal	palladium	7440-05-3	0.001			30	
	noble metal	gold	7440-57-5	0.001			48	
	non noble metal	nickel	7440-02-0	0.018	0.09	0.09	880	958
plating	noble metal	palladium	7440-05-3	0.002	0.01		90	
	noble metal	gold	7440-57-5	0.003	0.01		145	
	non noble metal	nickel	7440-02-0	0.054	0.26	0.28	2647	2882
glue	miscellaneous	miscellaneous	-	0.002	0.01		78	
	plastics	acrylic resin	-	0.130	0.64		6402	
	noble metal	silver	7440-22-4	0.747	3.67	4.32	36720	43200
*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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