

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EDN7512G	**Issued**	17. May 2021
MA#	MA005422766		
Package	PG-WSON-6-1	**Weight***	20.24 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	0.387	1.91	1.91	19127	19127
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		117	
	non noble metal	zinc	7440-66-6	0.009	0.05		468	
	non noble metal	iron	7439-89-6	0.190	0.94		9364	
	non noble metal	copper	7440-50-8	7.696	38.02	39.02	380213	390162
wires	noble metal	palladium	7440-05-3	0.001	0.01		54	
	non noble metal	copper	7440-50-8	0.108	0.53	0.54	5318	5372
encapsulation	organic material	carbon black	1333-86-4	0.034	0.17		1668	
	plastics	epoxy resin	-	1.767	8.73		87294	
	inorganic material	silicondioxide	60676-86-0	9.453	46.70	55.60	467049	556011
leadfinish	noble metal	palladium	7440-05-3	0.000			3	
	noble metal	silver	7440-22-4	0.000			3	
	noble metal	gold	7440-57-5	0.000			5	
	non noble metal	nickel	7440-02-0	0.099	0.49	0.49	4905	4916
plating	noble metal	palladium	7440-05-3	0.000			5	
	noble metal	silver	7440-22-4	0.000			5	
	noble metal	gold	7440-57-5	0.000			9	
	non noble metal	nickel	7440-02-0	0.181	0.89	0.89	8918	8937
glue	plastics	epoxy resin	-	0.050	0.25		2476	
	noble metal	silver	7440-22-4	0.263	1.30	1.55	12999	15475
*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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