



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	2EDN7523G	<b>Issued</b>	04. April 2021
<b>MA#</b>	MA001605262		
<b>Package</b>	PG-WSON-8-1	<b>Weight*</b>	21.36 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	2.78	2.78	27790	27790
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		131	
	non noble metal	zinc	7440-66-6	0.011	0.05		525	
	non noble metal	iron	7439-89-6	0.224	1.05		10493	
	non noble metal	copper	7440-50-8	9.101	42.61	43.72	426053	437202
wires	noble metal	palladium	7440-05-3	0.001	0.01		57	
	non noble metal	copper	7440-50-8	0.121	0.56	0.57	5647	5704
encapsulation	organic material	carbon black	1333-86-4	0.032	0.15		1486	
	plastics	epoxy resin	-	1.661	7.78		77759	
	inorganic material	silicondioxide	60676-86-0	8.887	41.60	49.53	416036	495281
leadfinish	noble metal	palladium	7440-05-3	0.000			4	
	noble metal	silver	7440-22-4	0.000			4	
	noble metal	gold	7440-57-5	0.000			6	
	non noble metal	nickel	7440-02-0	0.139	0.65	0.65	6524	6538
plating	noble metal	silver	7440-22-4	0.000			5	
	noble metal	palladium	7440-05-3	0.000			6	
	noble metal	gold	7440-57-5	0.000			9	
	non noble metal	nickel	7440-02-0	0.191	0.90	0.90	8964	8984
glue	plastics	epoxy resin	-	0.063	0.30		2960	
	noble metal	silver	7440-22-4	0.332	1.55	1.85	15541	18501
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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