

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2EDF7258G	**Issued**	19. August 2025
MA#	MA006025045		
Package	PG-VSON-13-1	**Weight***	38.05 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	0.484	1.273	1.273	12729	12729
chip_2	inorganic material	silicon	7440-21-3	0.484	1.273	1.273	12729	12729
chip_3	inorganic material	silicon	7440-21-3	1.043	2.742	2.742	27422	27422
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.009	29.116	87	291158
	non noble metal	zinc	7440-66-6	0.013	0.035		349	
	non noble metal	iron	7439-89-6	0.266	0.699		6988	
	non noble metal	copper	7440-50-8	10.796	28.373		283733	
wire	noble metal	gold	7440-57-5	< 0.001	< 0.001	0.394	2	3935
	noble metal	palladium	7440-05-3	0.002	0.005		48	
	noble metal	gold	7440-57-5	0.066	0.175		1745	
	non noble metal	copper	7440-50-8	0.081	0.214		2139	
encapsulation	organic material	carbon black	1333-86-4	0.228	0.599	59.895	5990	598952
	non noble metal	metal hydroxide	-	0.456	1.198		11979	
	inorganic material	amorphous silica	7631-86-9	1.595	4.193		41927	
	plastics	epoxy resin	-	2.279	5.990		59895	
	inorganic material	silicondioxide	60676-86-0	18.232	47.916		479162	
leadfinish	noble metal	palladium	7440-05-3	< 0.001	0.002	0.070	22	696
	noble metal	gold	7440-57-5	0.001	0.004		35	
	non noble metal	nickel	7440-02-0	0.024	0.064		639	
plating	noble metal	palladium	7440-05-3	0.003	0.007	0.227	71	2275
	noble metal	gold	7440-57-5	0.004	0.011		114	
	non noble metal	nickel	7440-02-0	0.079	0.209		2089	
glue	miscellaneous	miscellaneous	-	0.003	0.009	4.934	89	49341
	plastics	acrylic resin	-	0.278	0.731		7312	
	noble metal	silver	7440-22-4	1.596	4.194		41940	
tape	plastics	epoxy resin	29690-82-2	0.002	0.005	0.076	54	765
	plastics	Phenolic epoxy resin F-44	9003-36-5	0.004	0.011		107	
	plastics	phenol resin	-	0.004	0.011		107	
	plastics	acrylic resin	-	0.004	0.011		115	
	inorganic material	silica	-	0.015	0.038		382	
*deviation	< 10%				Sum in total:	100.000		1000000

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MCDS ID: M129347

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