

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2EDL8014G	**Issued**	12. August 2021
MA#	MA005353843		
Package	PG-VDSON-8-4	**Weight***	46.14 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	1.104	2.39	2.39	23923	23923
leadframe	inorganic material	phosphorus	7723-14-0	0.005	0.01		117	
	non noble metal	zinc	7440-66-6	0.022	0.05		467	
	non noble metal	iron	7439-89-6	0.431	0.93		9336	
	non noble metal	copper	7440-50-8	17.492	37.91	38.90	379099	389019
wires	noble metal	palladium	7440-05-3	0.001			24	
	non noble metal	copper	7440-50-8	0.111	0.24	0.24	2416	2440
encapsulation	organic material	carbon black	1333-86-4	0.053	0.11		1149	
	plastics	epoxy resin	-	2.729	5.92		59150	
	inorganic material	silicondioxide	60676-86-0	23.716	51.41	57.44	513973	574272
leadfinish	noble metal	palladium	7440-05-3	0.001			29	
	noble metal	gold	7440-57-5	0.002			47	
	non noble metal	nickel	7440-02-0	0.040	0.09	0.09	865	941
plating	noble metal	palladium	7440-05-3	0.002			37	
	noble metal	gold	7440-57-5	0.003	0.01		59	
	non noble metal	nickel	7440-02-0	0.050	0.11	0.12	1084	1180
glue	plastics	maleimide resin	-	0.065	0.14		1398	
	noble metal	silver	7440-22-4	0.315	0.68	0.82	6827	8225
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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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