

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2EDL05N06PJ	**Issued**	15. April 2021
MA#	MA005408430		
Package	PG-DSO-14-70	**Weight***	138.26 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	0.952	0.69	0.69	6887	6887
leadframe	inorganic material	phosphorus	7723-14-0	0.014	0.01		104	
	non noble metal	zinc	7440-66-6	0.057	0.04		416	
	non noble metal	iron	7439-89-6	1.150	0.83		8314	
	non noble metal	copper	7440-50-8	46.675	33.76	34.64	337591	346425
wires	noble metal	palladium	7440-05-3	0.001			6	
	non noble metal	copper	7440-50-8	0.085	0.06	0.06	614	620
encapsulation	organic material	carbon black	1333-86-4	0.349	0.25		2524	
	plastics	epoxy resin	-	12.651	9.15		91504	
	inorganic material	silicondioxide	60676-86-0	74.249	53.70	63.10	537034	631062
leadfinish	non noble metal	tin	7440-31-5	1.226	0.89	0.89	8868	8868
plating	noble metal	silver	7440-22-4	0.307	0.22	0.22	2217	2217
glue	plastics	acrylic resin	-	0.119	0.09		863	
	noble metal	silver	7440-22-4	0.423	0.31	0.40	3058	3921
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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