

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2ED21814S06J	**Issued**	08. April 2021
MA#	MA005339742		
Package	PG-DSO-14-70	**Weight***	138.51 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	2.081	1.50	1.50	15024	15024
leadframe	inorganic material	phosphorus	7723-14-0	0.014	0.01		104	
	non noble metal	zinc	7440-66-6	0.057	0.04		415	
	non noble metal	iron	7439-89-6	1.150	0.83		8299	
	non noble metal	copper	7440-50-8	46.675	33.70	34.58	336990	345808
wires	noble metal	palladium	7440-05-3	0.000			3	
	non noble metal	copper	7440-50-8	0.045	0.03	0.03	323	326
encapsulation	organic material	carbon black	1333-86-4	0.344	0.25		2487	
	plastics	epoxy resin	-	12.488	9.02		90160	
	inorganic material	silicondioxide	60676-86-0	73.289	52.91	62.18	529143	621790
leadfinish	non noble metal	tin	7440-31-5	1.226	0.89	0.89	8853	8853
plating	noble metal	silver	7440-22-4	0.307	0.22	0.22	2213	2213
glue	plastics	acrylic resin	-	0.182	0.13		1317	
	noble metal	silver	7440-22-4	0.647	0.47	0.60	4669	5986
*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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