

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2ED2101S06F	**Issued**	15. May 2021
MA#	MA005298710		
Package	PG-DSO-8-70	**Weight***	75.22 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	1.500	1.99	1.99	19942	19942
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		104	
	non noble metal	zinc	7440-66-6	0.031	0.04		418	
	non noble metal	iron	7439-89-6	0.628	0.84		8350	
	non noble metal	copper	7440-50-8	25.502	33.91	34.80	339059	347931
wires	noble metal	palladium	7440-05-3	0.000			5	
	non noble metal	copper	7440-50-8	0.035	0.05	0.05	461	466
encapsulation	organic material	carbon black	1333-86-4	0.229	0.30		3048	
	plastics	epoxy resin	-	6.190	8.23		82298	
	inorganic material	silicondioxide	60676-86-0	39.433	52.42	60.95	524267	609613
leadfinish	non noble metal	tin	7440-31-5	0.833	1.11	1.11	11080	11080
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1776	1776
glue	plastics	acrylic resin	-	0.152	0.20		2022	
	noble metal	silver	7440-22-4	0.539	0.72	0.92	7170	9192
*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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