

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2ED2182S06F	**Issued**	22. April 2022
MA#	MA003321444		
Package	PG-DSO-8-69	**Weight***	79.72 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	2.61	2.61	26102	26102
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		110	
	non noble metal	zinc	7440-66-6	0.035	0.04		440	
	non noble metal	iron	7439-89-6	0.701	0.88		8793	
	non noble metal	copper	7440-50-8	28.463	35.70	36.63	357024	366367
wires	noble metal	gold	7440-57-5	0.000			1	
	noble metal	palladium	7440-05-3	0.001			13	
	non noble metal	copper	7440-50-8	0.039	0.05	0.05	492	506
encapsulation	organic material	carbon black	1333-86-4	0.140	0.18		1754	
	plastics	epoxy resin	-	5.454	6.84		68418	
	inorganic material	silicondioxide	60676-86-0	41.025	51.47	58.49	514599	584771
leadfinish	non noble metal	tin	7440-31-5	0.892	1.12	1.12	11190	11190
plating	noble metal	silver	7440-22-4	0.158	0.20	0.20	1979	1979
glue	plastics	maleimide resin	-	0.123	0.15		1544	
	noble metal	silver	7440-22-4	0.601	0.75	0.90	7541	9085
*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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