



Material Content Data Sheet



Halogen-Free

Sales Product Name	2ED2106S06F	Issued	14. May 2021
MA#	MA002704370		
Package	PG-DSO-8-70	Weight*	75.21 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	1.437	1.91	1.91	19102	19102
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		8352	
	non noble metal	copper	7440-50-8	25.502	33.91	34.80	339108	347982
wires	noble metal	palladium	7440-05-3	0.000			5	
	non noble metal	copper	7440-50-8	0.041	0.05	0.05	544	549
encapsulation	organic material	carbon black	1333-86-4	0.230	0.31		3053	
	plastics	epoxy resin	-	6.199	8.24		82422	
	inorganic material	silicondioxide	60676-86-0	39.487	52.50	61.05	525060	610535
leadfinish	non noble metal	tin	7440-31-5	0.833	1.11	1.11	11082	11082
plating	noble metal	silver	7440-22-4	0.134	0.18	0.18	1776	1776
glue	plastics	acrylic resin	-	0.148	0.20		1974	
	noble metal	silver	7440-22-4	0.526	0.70	0.90	7000	8974
*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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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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