



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	2ED2181S06F	<b>Issued</b>	18. August 2021
<b>MA#</b>	MA004508982		
<b>Package</b>	PG-DSO-8-69	<b>Weight*</b>	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	26103	26103
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	357037	366380
wires	noble metal	gold	7440-57-5	0.000			1	
	noble metal	palladium	7440-05-3	0.001			12	
	non noble metal	copper	7440-50-8	0.036	0.04	0.04	450	463
encapsulation	organic material	carbon black	1333-86-4	0.140	0.18		1754	
	plastics	epoxy resin	-	5.455	6.84		68422	
	inorganic material	silicondioxide	60676-86-0	41.026	51.48	58.50	514624	584800
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.
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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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