



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	2ED21844S06J	<b>Issued</b>	12. August 2021
<b>MA#</b>	MA005583604		
<b>Package</b>	PG-DSO-14-65	<b>Weight*</b>	143.10 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	1.45	1.45	14542	14542
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		112	
	non noble metal	zinc	7440-66-6	0.064	0.04		449	
	non noble metal	iron	7439-89-6	1.286	0.90		8989	
	non noble metal	copper	7440-50-8	52.226	36.50	37.45	364972	374522
wires	noble metal	gold	7440-57-5	0.000			1	
	noble metal	palladium	7440-05-3	0.001			8	
	non noble metal	copper	7440-50-8	0.046	0.03	0.03	325	334
encapsulation	organic material	carbon black	1333-86-4	0.253	0.18		1766	
	plastics	epoxy resin	-	9.857	6.89		68881	
	inorganic material	silicondioxide	60676-86-0	74.135	51.81	58.88	518078	588725
leadfinish	non noble metal	tin	7440-31-5	1.558	1.09	1.09	10891	10891
plating	noble metal	silver	7440-22-4	0.848	0.59	0.59	5925	5925
glue	plastics	maleimide resin	-	0.123	0.09		860	
	noble metal	silver	7440-22-4	0.601	0.42	0.51	4201	5061
*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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