



Material Content Data Sheet



Halogen-Free

Sales Product Name	2ED21084S06J	Issued	12. August 2021
MA#	MA005583844		
Package	PG-DSO-14-65	Weight*	142.97 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	1.438	1.01	1.01	10062	10062
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		112	
	non noble metal	zinc	7440-66-6	0.064	0.04		450	
	non noble metal	iron	7439-89-6	1.286	0.90		8997	
	non noble metal	copper	7440-50-8	52.226	36.53	37.48	365308	374867
wires	noble metal	gold	7440-57-5	0.000			1	
	noble metal	palladium	7440-05-3	0.001			9	
	non noble metal	copper	7440-50-8	0.050	0.04	0.04	350	360
encapsulation	organic material	carbon black	1333-86-4	0.255	0.18		1781	
	plastics	epoxy resin	-	9.932	6.95		69469	
	inorganic material	silicondioxide	60676-86-0	74.699	52.25	59.38	522502	593752
leadfinish	non noble metal	tin	7440-31-5	1.558	1.09	1.09	10901	10901
plating	noble metal	silver	7440-22-4	0.848	0.59	0.59	5931	5931
glue	plastics	maleimide resin	-	0.100	0.07		702	
	noble metal	silver	7440-22-4	0.490	0.34	0.41	3425	4127
*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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