

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	2ED21814S06J	**Issued**	22. April 2022
MA#	MA004508964		
Package	PG-DSO-14-65	**Weight***	143.09 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	364980	374530
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	0.043	0.03	0.03	297	306
encapsulation	organic material	carbon black	1333-86-4	0.253	0.18		1766	
	plastics	epoxy resin	-	9.857	6.89		68883	
	inorganic material	silicondioxide	60676-86-0	74.136	51.81	58.88	518095	588744
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	5926	5926
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.
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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