Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	1EDS20I12SV	**Issued**	25. June 2021
MA#	MA005561508		
Package	PG-DSO-36-64	**Weight***	602.80 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	4.862	0.81	0.81	8066	8066
chip_2	inorganic material	silicon	7440-21-3	5.125	0.85	0.85	8502	8502
leadframe	inorganic material	phosphorus	7723-14-0	0.046	0.01		76	
	non noble metal	zinc	7440-66-6	0.182	0.03		302	
	non noble metal	iron	7439-89-6	3.642	0.60		6042	
	non noble metal	copper	7440-50-8	147.883	24.53	25.17	245327	251747
wire	noble metal	gold	7440-57-5	1.103	0.18	0.18	1829	1829
encapsulation	organic material	carbon black	1333-86-4	1.294	0.21		2147	
	plastics	epoxy resin	-	41.848	6.94		69423	
	inorganic material	silicondioxide	60676-86-0	388.282	64.42	71.57	644130	715700
leadfinish	non noble metal	tin	7440-31-5	4.857	0.81	0.81	8057	8057
plating	noble metal	silver	7440-22-4	0.612	0.10	0.10	1016	1016
glue	plastics	acrylic resin	-	0.674	0.11		1118	
	noble metal	silver	7440-22-4	2.390	0.40	0.51	3965	5083
*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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