



Material Content Data Sheet



Halogen-Free

Sales Product Name	2ED2110S06M	Issued	12. August 2021
MA#	MA005583716		
Package	PG-DSO-16-37	Weight*	454.35 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	2.378	0.52	0.52	5235	5235
leadframe	inorganic material	phosphorus	7723-14-0	0.039	0.01		86	
	non noble metal	zinc	7440-66-6	0.156	0.03		342	
	non noble metal	iron	7439-89-6	3.111	0.68		6847	
	non noble metal	copper	7440-50-8	126.307	27.80	28.52	277997	285272
wires	noble metal	gold	7440-57-5	0.000			1	
	noble metal	palladium	7440-05-3	0.003			6	
	non noble metal	copper	7440-50-8	0.106	0.02	0.02	233	240
encapsulation	organic material	carbon black	1333-86-4	0.954	0.21		2099	
	plastics	epoxy resin	-	37.199	8.19		81873	
	inorganic material	silicondioxide	60676-86-0	279.785	61.59	69.99	615796	699768
leadfinish	non noble metal	tin	7440-31-5	2.853	0.63	0.63	6279	6279
plating	noble metal	silver	7440-22-4	0.674	0.15	0.15	1484	1484
glue	plastics	maleimide resin	-	0.133	0.03		293	
	noble metal	silver	7440-22-4	0.649	0.14	0.17	1429	1722
*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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