



Material Content Data Sheet



Halogen-Free

Sales Product Name	1ED3860MU12M	Issued	26. June 2021
MA#	MA005578659		
Package	PG-DSO-16-33	Weight*	294.38 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	3.598	1.22	1.22	12222	12222
chip_2	inorganic material	silicon	7440-21-3	3.598	1.22	1.22	12222	12222
leadframe	inorganic material	phosphorus	7723-14-0	0.029	0.01		98	
	non noble metal	zinc	7440-66-6	0.115	0.04		392	
	non noble metal	iron	7439-89-6	2.308	0.78		7840	
	non noble metal	copper	7440-50-8	93.715	31.84	32.67	318351	326681
wire	non noble metal	copper	7440-50-8	0.315	0.11	0.11	1069	1069
encapsulation	organic material	carbon black	1333-86-4	0.927	0.31		3148	
	plastics	epoxy resin	-	18.537	6.30		62970	
	inorganic material	silicondioxide	60676-86-0	165.904	56.35	62.96	563580	629698
leadfinish	non noble metal	tin	7440-31-5	2.170	0.74	0.74	7370	7370
plating	noble metal	silver	7440-22-4	0.383	0.13	0.13	1302	1302
glue	plastics	epoxy resin	-	0.694	0.24		2359	
	noble metal	silver	7440-22-4	2.083	0.71	0.95	7077	9436
*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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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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