



## Material Content Data Sheet



Halogen-Free

Sales Product Name	1ED3461MU12M	Issued	26. June 2021
MA#	MA005578668		
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:

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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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