



Material Content Data Sheet



Halogen-Free

Sales Product Name	1EDI20I12MF	Issued	05. May 2021
MA#	MA001245994		
Package	PG-DSO-8-51	Weight*	80.26 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	1.200	1.50	1.50	14951	14951
chip_2	inorganic material	silicon	7440-21-3	0.494	0.62	0.62	6157	6157
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		103	
	non noble metal	zinc	7440-66-6	0.033	0.04		411	
	non noble metal	iron	7439-89-6	0.660	0.82		8220	
	non noble metal	copper	7440-50-8	26.789	33.38	34.25	333768	342502
wire	noble metal	gold	7440-57-5	0.228	0.28	0.28	2837	2837
encapsulation	organic material	carbon black	1333-86-4	0.148	0.18		1841	
	plastics	epoxy resin	-	4.779	5.95		59539	
	inorganic material	silicondioxide	60676-86-0	44.339	55.24	61.37	552420	613800
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10140	10140
plating	noble metal	silver	7440-22-4	0.095	0.12	0.12	1187	1187
glue	plastics	acrylic resin	-	0.149	0.19		1854	
	noble metal	silver	7440-22-4	0.528	0.66	0.85	6572	8426
*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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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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