



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	1EDI20I12AF	<b>Issued</b>	18. August 2021
<b>MA#</b>	MA001245998		
<b>Package</b>	PG-DSO-8-51	<b>Weight*</b>	80.24 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	1.075	1.34	1.34	13402	13402
chip_2	inorganic material	silicon	7440-21-3	0.494	0.62	0.62	6158	6158
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		8222	
	non noble metal	copper	7440-50-8	26.789	33.39	34.26	333854	342590
wire	noble metal	gold	7440-57-5	0.236	0.29	0.29	2947	2947
encapsulation	organic material	carbon black	1333-86-4	0.148	0.18		1847	
	plastics	epoxy resin	-	4.791	5.97		59704	
	inorganic material	silicondioxide	60676-86-0	44.451	55.40	61.55	553959	615510
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10142	10142
plating	noble metal	silver	7440-22-4	0.095	0.12	0.12	1187	1187
glue	plastics	acrylic resin	-	0.142	0.18		1774	
	noble metal	silver	7440-22-4	0.505	0.63	0.81	6290	8064
*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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