



Material Content Data Sheet



Halogen-Free

Sales Product Name	ISC027N10NM6	Issued	09. February 2022
MA#	MA005555874		
Package	PG-TDSON-8-59	Weight*	124.98 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	2.122	1.70	1.70	16975	16975
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		124	
	non noble metal	iron	7439-89-6	0.052	0.04		415	
	non noble metal	copper	7440-50-8	51.740	41.40	41.45	414006	414545
wire	noble metal	gold	7440-57-5	0.045	0.04	0.04	358	358
encapsulation	organic material	carbon black	1333-86-4	0.075	0.06		596	
	plastics	epoxy resin	-	5.886	4.71		47100	
	inorganic material	silicondioxide	60676-86-0	31.295	25.04	29.81	250407	298103
leadfinish	non noble metal	tin	7440-31-5	1.392	1.11	1.11	11135	11135
plating	noble metal	silver	7440-22-4	0.194	0.16	0.16	1551	1551
solder	non noble metal	tin	7440-31-5	0.051	0.04		411	
	noble metal	silver	7440-22-4	0.064	0.05		514	
	non noble metal	lead	7439-92-1	2.456	1.96	2.05	19648	20573
heat sink clip	inorganic material	phosphorus	7723-14-0	0.009	0.01		71	
	non noble metal	iron	7439-89-6	0.030	0.02		237	
	non noble metal	copper	7440-50-8	29.551	23.65	23.68	236452	236760
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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