



Material Content Data Sheet



Halogen-Free

Sales Product Name	ISC007N04NM6	Issued	11. August 2021
MA#	MA005402077		
Package	PG-TDSON-8-35	Weight*	115.26 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	2.091	1.81	1.81	18143	18143
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		135	
	non noble metal	iron	7439-89-6	0.052	0.04		449	
	non noble metal	copper	7440-50-8	51.740	44.91	44.96	448895	449479
wire	noble metal	gold	7440-57-5	0.036	0.03	0.03	311	311
encapsulation	organic material	carbon black	1333-86-4	0.080	0.07		694	
	plastics	epoxy resin	-	6.324	5.49		54866	
	inorganic material	silicon dioxide	60676-86-0	33.621	29.17	34.73	291693	347253
leadfinish	non noble metal	tin	7440-31-5	1.392	1.21	1.21	12073	12073
plating	noble metal	silver	7440-22-4	0.194	0.17	0.17	1682	1682
solder	non noble metal	tin	7440-31-5	0.051	0.04		445	
	noble metal	silver	7440-22-4	0.064	0.06		556	
	non noble metal	lead	7439-92-1	2.448	2.12	2.22	21234	22235
heat sink clip	inorganic material	phosphorus	7723-14-0	0.005			45	
	non noble metal	iron	7439-89-6	0.017	0.01		149	
	non noble metal	copper	7440-50-8	17.131	14.86	14.87	148630	148824
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com