



Material Content Data Sheet



Halogen-Free

Sales Product Name	ISC010N04NM6	Issued	25. June 2021
MA#	MA005564350		
Package	PG-TDSON-8-26	Weight*	115.15 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	1.515	1.32	1.32	13155	13155
leadframe	inorganic material	phosphorus	7723-14-0	0.016	0.01		135	
	non noble metal	iron	7439-89-6	0.052	0.04		450	
	non noble metal	copper	7440-50-8	51.740	44.94	44.99	449322	449907
wire	noble metal	gold	7440-57-5	0.045	0.04	0.04	392	392
encapsulation	organic material	carbon black	1333-86-4	0.081	0.07		703	
	plastics	epoxy resin	-	6.400	5.56		55577	
	inorganic material	silicondioxide	60676-86-0	34.024	29.55	35.18	295472	351752
leadfinish	non noble metal	tin	7440-31-5	1.392	1.21	1.21	12084	12084
plating	noble metal	silver	7440-22-4	0.194	0.17	0.17	1683	1683
solder	non noble metal	tin	7440-31-5	0.038	0.03		331	
	noble metal	silver	7440-22-4	0.048	0.04		414	
	non noble metal	lead	7439-92-1	1.819	1.58	1.65	15797	16542
heat sink clip	inorganic material	phosphorus	7723-14-0	0.005			45	
	non noble metal	iron	7439-89-6	0.017	0.01		149	
	noble metal	silver	7440-22-4	0.635	0.55		5519	
	non noble metal	copper	7440-50-8	17.131	14.88	15.44	148772	154485
*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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