

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPG20N06S4L-26	**Issued**	24. February 2022
MA#	MA005700917		
Package	PG-TDSON-8-4	**Weight***	96.44 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	0.783	0.81	0.81	8123	8123
chip_2	inorganic material	silicon	7440-21-3	0.783	0.81	0.81	8123	8123
leadframe	inorganic material	phosphorus	7723-14-0	0.013	0.01		138	
	non noble metal	iron	7439-89-6	0.044	0.05		461	
	non noble metal	copper	7440-50-8	44.409	46.06	46.12	460508	461107
wire	non noble metal	aluminium	7429-90-5	0.736	0.76	0.76	7630	7630
encapsulation	organic material	carbon black	1333-86-4	0.091	0.09		947	
	plastics	epoxy resin	-	6.486	6.73		67262	
	inorganic material	silicondioxide	60676-86-0	39.101	40.55	47.37	405467	473676
leadfinish	non noble metal	tin	7440-31-5	1.308	1.36	1.36	13560	13560
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.048	0.05	0.05	498	499
solder	non noble metal	tin	7440-31-5	0.048	0.05		495	
	noble metal	silver	7440-22-4	0.060	0.06		618	
	non noble metal	lead	7439-92-1	2.278	2.36	2.47	23625	24738
heatspreader	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	iron	7439-89-6	0.000			3	
	non noble metal	copper	7440-50-8	0.245	0.25	0.25	2540	2544
*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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