



Material Content Data Sheet



Sales Product Name		IPG20N06S4L-26		Issued		19. July 2018		
MA#		MA000840896						
Package		PG-TDSON-8-4		Weight*		96.38 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	1.567	1.63	1.63	16256	16256
leadframe	non noble metal	iron	7439-89-6	0.045	0.05		464	
	inorganic material	phosphorus	7723-14-0	0.013	0.01		139	
	non noble metal	copper	7440-50-8	44.654	46.33	46.39	463324	463927
wire	non noble metal	aluminium	7429-90-5	0.761	0.79	0.79	7891	7891
encapsulation	organic material	carbon black	1333-86-4	0.091	0.09		946	
	plastics	epoxy resin	-	6.475	6.72		67181	
	inorganic material	silicondioxide	60676-86-0	39.031	40.50	47.31	404979	473106
leadfinish	non noble metal	tin	7440-31-5	1.308	1.36	1.36	13568	13568
plating	non noble metal	nickel	7440-02-0	0.048	0.05		498	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.05	1	499
solder	non noble metal	tin	7440-31-5	0.048	0.05		495	
	noble metal	silver	7440-22-4	0.060	0.06		619	
	non noble metal	lead	7439-92-1	2.278	2.36	2.47	23639	24753
*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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