



Material Content Data Sheet



Sales Product Name		IPG20N06S4L-26		Issued		25. September 2017			
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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