



Material Content Data Sheet



Sales Product Name		IPI084N06L3 G		Issued		19. January 2018		
MA#		MA001707540						
Package		PG-TO262-3-22		Weight*		1562.77 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	2.120	0.14	0.14	1357	1357
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		544	
	non noble metal	copper	7440-50-8	849.682	54.37	54.44	543703	544410
	non noble metal	aluminium	7429-90-5	3.172	0.20	0.20	2030	2030
wire	non noble metal	aluminium	7429-90-5	3.172	0.20	0.20	2030	2030
encapsulation	organic material	carbon black	1333-86-4	2.328	0.15		1490	
	plastics	epoxy resin	-	67.507	4.32		43197	
	inorganic material	silicondioxide	60676-86-0	512.125	32.77	37.24	327703	372390
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9725	9725
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1056	1056
solder	non noble metal	antimony	7440-36-0	0.153	0.01		98	
	noble metal	silver	7440-22-4	0.383	0.02		245	
	non noble metal	tin	7440-31-5	0.997	0.06	0.09	638	981
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		20	
	non noble metal	iron	7439-89-6	0.106	0.01		68	
	non noble metal	copper	7440-50-8	106.210	6.80	6.81	67963	68051
*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 does not use any exemption

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