



Material Content Data Sheet



Sales Product Name				IPI80N04S3-03		Issued		20. July 2018	
MA#				MA000366323					
Package				PG-TO262-3-1		Weight*		1574.61 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	6.365	0.40	0.40	4042	4042	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		540		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		162		
	non noble metal	copper	7440-50-8	849.682	53.96	54.03	539616	540318	
wire	non noble metal	aluminium	7429-90-5	6.691	0.42	0.42	4249	4249	
encapsulation	organic material	carbon black	1333-86-4	8.766	0.56		5567		
	plastics	epoxy resin	-	96.425	6.12		61237		
	inorganic material	silicondioxide	60676-86-0	479.201	30.43	37.11	304331	371135	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9652	9652	
plating	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	145	146	
	inorganic material	phosphorus	7723-14-0	0.001	0.00		1		
solder	noble metal	silver	7440-22-4	0.115	0.01		73		
	non noble metal	tin	7440-31-5	0.092	0.01		58		
	non noble metal	lead	7439-92-1	4.389	0.28	0.30	2787	2918	
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		68		
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	copper	7440-50-8	106.210	6.75	6.76	67452	67540	
*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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