



## Material Content Data Sheet



<b>Sales Product Name</b>		SPI11N60C3		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001255744						
<b>Package</b>		PG-TO262-3-22		<b>Weight*</b>		1564.88 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	7.017	0.45	0.45	4484	4484
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		544	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	copper	7440-50-8	849.682	54.28	54.35	542970	543677
wire	non noble metal	aluminium	7429-90-5	0.662	0.04	0.04	423	423
encapsulation	organic material	carbon black	1333-86-4	2.319	0.15		1482	
	plastics	epoxy resin	-	67.243	4.30		42970	
	inorganic material	silicondioxide	60676-86-0	510.116	32.60	37.05	325978	370430
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9712	9712
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1055	1055
solder	non noble metal	antimony	7440-36-0	0.354	0.02		226	
	noble metal	silver	7440-22-4	0.884	0.06		565	
	non noble metal	tin	7440-31-5	2.299	0.15	0.23	1469	2260
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	6.79	6.80	67871	67959
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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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

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