



## Material Content Data Sheet



<b>Sales Product Name</b>		SPI11N60C3		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA000976140						
<b>Package</b>		PG-TO262-3-1		<b>Weight*</b>		1569.87 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	4470	4470
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		542	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	copper	7440-50-8	849.682	54.12	54.19	541243	541949
wire	non noble metal	aluminium	7429-90-5	0.695	0.04	0.04	443	443
encapsulation	organic material	carbon black	1333-86-4	5.861	0.37		3733	
	plastics	epoxy resin	-	111.351	7.09		70930	
	inorganic material	silicondioxide	60676-86-0	468.848	29.87	37.33	298654	373317
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9681	9681
plating	non noble metal	nickel	7440-02-0	0.228	0.01		146	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	146
solder	non noble metal	antimony	7440-36-0	0.353	0.02		225	
	noble metal	silver	7440-22-4	0.883	0.06		563	
	non noble metal	tin	7440-31-5	2.296	0.15	0.23	1463	2251
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	6.77	6.78	67655	67743
*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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