



## Material Content Data Sheet



<b>Sales Product Name</b>		SPD04N60C3		<b>Issued</b>		20. July 2018			
<b>MA#</b>		MA001364012							
<b>Package</b>		PG-TO252-3-341		<b>Weight*</b>		382.37 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	3.279	0.86	0.86	8574	8574	
leadframe	non noble metal	iron	7439-89-6	0.248	0.06		650		
	inorganic material	phosphorus	7723-14-0	0.075	0.02		195		
	non noble metal	copper	7440-50-8	248.124	64.90	64.98	648916	649761	
wire	non noble metal	aluminium	7429-90-5	0.457	0.12	0.12	1196	1196	
encapsulation	inorganic material	antimonytrioxide	1309-64-4	1.721	0.45		4501		
	plastics	brominated resin	-	1.844	0.48		4822		
	organic material	carbon black	1333-86-4	1.967	0.51		5144		
	plastics	epoxy resin	-	16.594	4.34		43399		
	inorganic material	silicondioxide	60676-86-0	100.795	26.36	32.14	263609	321475	
leadfinish	non noble metal	tin	7440-31-5	3.787	0.99	0.99	9904	9904	
plating	non noble metal	nickel	7440-02-0	0.515	0.13	0.13	1347	1347	
solder	noble metal	silver	7440-22-4	0.074	0.02		194		
	non noble metal	tin	7440-31-5	0.059	0.02		155		
	non noble metal	lead	7439-92-1	2.827	0.74	0.78	7394	7743	
*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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