



Material Content Data Sheet



Sales Product Name		SPA07N60C3		Issued		19. May 2016			
MA#		MA001061308							
Package		PG-TO220-3-253		Weight*		2134.26 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	4.883	0.23	0.23	2288	2288	
leadframe	non noble metal	iron	7439-89-6	1.431	0.07		670		
	inorganic material	phosphorus	7723-14-0	0.429	0.02		201		
	non noble metal	copper	7440-50-8	1428.770	66.95	67.04	669447	670318	
wire	non noble metal	aluminium	7429-90-5	7.958	0.37	0.37	3729	3729	
encapsulation	organic material	carbon black	1333-86-4	3.324	0.16		1557		
	plastics	epoxy resin	-	129.635	6.07		60740		
	inorganic material	silicondioxide	60676-86-0	531.837	24.92	31.15	249191	311488	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.01	1.01	10056	10056	
plating	non noble metal	nickel	7440-02-0	1.764	0.08	0.08	826	826	
solder	non noble metal	antimony	7440-36-0	0.276	0.01		129		
	noble metal	silver	7440-22-4	0.691	0.03		324		
	non noble metal	tin	7440-31-5	1.796	0.08	0.12	842	1295	
*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.
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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 2011/65/EU (RoHS) and does not use any exemption.

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