



Material Content Data Sheet



Sales Product Name		SPW35N60C3		Issued		27. September 2017		
MA#		MA001054574						
Package		PG-TO247-3-44		Weight*		6058.35 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	21.075	0.35	0.35	3479	3479
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		87	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.73	8.74	87329	87442
wire	non noble metal	aluminium	7429-90-5	42.500	0.70	0.70	7015	7015
encapsulation	organic material	carbon black	1333-86-4	19.535	0.32		3224	
	plastics	epoxy resin	-	371.161	6.13		61265	
	inorganic material	silicondioxide	60676-86-0	1562.783	25.80	32.25	257956	322445
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5261	5261
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4797	4797
solder	non noble metal	antimony	7440-36-0	0.812	0.01		134	
	noble metal	silver	7440-22-4	2.029	0.03		335	
	non noble metal	tin	7440-31-5	5.275	0.09	0.13	871	1340
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		568	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	copper	7440-50-8	3438.006	56.74	56.82	567483	568221
*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 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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