



Material Content Data Sheet



Sales Product Name		SPW47N65C3		Issued		23. January 2018		
MA#		MA000922276						
Package		PG-TO247-3-44		Weight*		6036.18 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	32.907	0.55	0.55	5452	5452
leadframe	non noble metal	iron	7439-89-6	3.972	0.07		658	
	inorganic material	phosphorus	7723-14-0	1.192	0.02		197	
	non noble metal	copper	7440-50-8	3967.074	65.71	65.80	657217	658072
wire	non noble metal	aluminium	7429-90-5	9.823	0.16	0.16	1627	1627
encapsulation	organic material	carbon black	1333-86-4	19.776	0.33		3276	
	plastics	epoxy resin	-	375.743	6.22		62249	
	inorganic material	silicondioxide	60676-86-0	1582.075	26.21	32.76	262099	327624
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5281	5281
solder	non noble metal	antimony	7440-36-0	1.174	0.02		194	
	noble metal	silver	7440-22-4	2.935	0.05		486	
	non noble metal	tin	7440-31-5	7.630	0.13	0.20	1264	1944
*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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