



Material Content Data Sheet



Sales Product Name		SPW47N65C3		Issued		26. September 2017		
MA#		MA000922414						
Package		PG-TO247-3-41		Weight*		6058.82 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	0.54	0.54	5431	5431
leadframe	non noble metal	iron	7439-89-6	3.972	0.07		656	
	inorganic material	phosphorus	7723-14-0	1.192	0.02		197	
	non noble metal	copper	7440-50-8	3967.074	65.46	65.55	654760	655613
wire	non noble metal	aluminium	7429-90-5	9.123	0.15	0.15	1506	1506
encapsulation	organic material	carbon black	1333-86-4	19.719	0.33		3255	
	plastics	epoxy resin	-	374.656	6.18		61836	
	inorganic material	silicondioxide	60676-86-0	1577.498	26.04	32.55	260364	325455
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	1.174	0.02		194	
	noble metal	silver	7440-22-4	2.934	0.05		484	
	non noble metal	tin	7440-31-5	7.629	0.13	0.20	1259	1937
*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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