



Material Content Data Sheet



Sales Product Name		SPU03N60S5		Issued		19. July 2018		
MA#		MA000798724						
Package		PG-TO251-3-341		Weight*		381.66 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	2.326	0.61	0.61	6093	6093
leadframe	non noble metal	iron	7439-89-6	0.229	0.06		601	
	inorganic material	phosphorus	7723-14-0	0.069	0.02		180	
	non noble metal	copper	7440-50-8	228.946	60.00	60.08	599878	600659
wire	non noble metal	aluminium	7429-90-5	0.428	0.11	0.11	1122	1122
encapsulation	inorganic material	antimonytrioxide	1309-64-4	1.734	0.45		4543	
	plastics	brominated resin	-	1.858	0.49		4867	
	organic material	carbon black	1333-86-4	1.981	0.52		5192	
	plastics	epoxy resin	-	16.718	4.38		43805	
	inorganic material	silicondioxide	60676-86-0	101.549	26.61	32.45	266076	324483
leadfinish	non noble metal	tin	7440-31-5	3.740	0.98	0.98	9800	9800
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1333	1333
solder	noble metal	silver	7440-22-4	0.059	0.02		155	
	non noble metal	tin	7440-31-5	0.047	0.01		124	
	non noble metal	lead	7439-92-1	2.259	0.59	0.62	5918	6197
heatspreader	non noble metal	iron	7439-89-6	0.019	0.00		50	
	inorganic material	phosphorus	7723-14-0	0.006	0.00		15	
	non noble metal	copper	7440-50-8	19.177	5.02	5.02	50248	50313
*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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