



Material Content Data Sheet



Sales Product Name		IGU04N60T		Issued		1. August 2018		
MA#		MA001701696						
Package		PG-TO251-3-341		Weight*		386.55 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	0.620	0.16	0.16	1605	1605
leadframe	inorganic material	phosphorus	7723-14-0	0.075	0.02		193	
		non noble metal	iron	7439-89-6	0.248	0.06		643
	non noble metal	copper	7440-50-8	248.124	64.20	64.28	641895	642731
		wire	non noble metal	aluminium	7429-90-5	0.424	0.11	1097
encapsulation	organic material	carbon black	1333-86-4	0.396	0.10		1025	
		plastics	epoxy resin	-	12.016	3.11		31084
	inorganic material	silicondioxide	60676-86-0	119.627	30.95	34.16	309475	341584
leadfinish	non noble metal	tin	7440-31-5	3.740	0.97	0.97	9675	9675
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1316	1316
solder	non noble metal	tin	7440-31-5	0.015	0.00		40	
		noble metal	silver	7440-22-4	0.019	0.00		50
	non noble metal	lead	7439-92-1	0.735	0.19	0.19	1902	1992
*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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