



Material Content Data Sheet



Sales Product Name		IGW15T120		Issued		27. September 2017			
MA#		MA000923530							
Package		PG-TO247-3-41		Weight*		6046.92 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	5.512	0.09	0.09	911	911	
leadframe	non noble metal	iron	7439-89-6	3.972	0.07		657		
	inorganic material	phosphorus	7723-14-0	1.192	0.02		197		
	non noble metal	copper	7440-50-8	3967.074	65.60	65.69	656049	656903	
wire	non noble metal	aluminium	7429-90-5	4.286	0.07	0.07	709	709	
encapsulation	organic material	carbon black	1333-86-4	20.009	0.33		3309		
	plastics	epoxy resin	-	380.163	6.29		62869		
	inorganic material	silicondioxide	60676-86-0	1600.687	26.47	33.09	264712	330890	
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5271	5271	
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4807	4807	
solder	non noble metal	antimony	7440-36-0	0.308	0.01		51		
	noble metal	silver	7440-22-4	0.771	0.01		127		
	non noble metal	tin	7440-31-5	2.003	0.03	0.05	331	509	
*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 does not use any exemption

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