



Material Content Data Sheet



Sales Product Name				BTN8962TA		Issued		1. August 2018	
MA#				MA001936856					
Package				PG-TO263-7-1		Weight*		1531.68 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	6.071	0.40	0.40	3963	3963	
leadframe	inorganic material	phosphorus	7723-14-0	0.243	0.02		159		
	non noble metal	iron	7439-89-6	0.810	0.05		529		
	non noble metal	copper	7440-50-8	808.613	52.80	52.87	527926	528614	
	non noble metal	aluminium	7429-90-5	2.741	0.18	0.18	1789	1789	
wire	non noble metal	aluminium	7429-90-5	2.741	0.18	0.18	1789	1789	
encapsulation	organic material	carbon black	1333-86-4	8.853	0.58		5780		
	plastics	epoxy resin	-	97.384	6.36		63580		
	inorganic material	silicondioxide	60676-86-0	483.970	31.60	38.54	315974	385334	
leadfinish	non noble metal	tin	7440-31-5	13.037	0.85	0.85	8511	8511	
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		1		
	non noble metal	nickel	7440-02-0	0.212	0.01	0.01	139	140	
glue	plastics	Polyimide	26023-21-2	0.338	0.02	0.02	220	220	
solder	non noble metal	tin	7440-31-5	0.061	0.00		40		
	noble metal	silver	7440-22-4	0.076	0.00		50		
	non noble metal	lead	7439-92-1	2.921	0.19	0.19	1907	1997	
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		21		
	non noble metal	iron	7439-89-6	0.106	0.01		69		
	non noble metal	copper	7440-50-8	106.210	6.93	6.94	69342	69432	
*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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