



Material Content Data Sheet



Sales Product Name		BTN8982TA		Issued		25. January 2018		
MA#		MA001622112						
Package		PG-TO263-7-1		Weight*		1534.21 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	7.214	0.47	0.47	4702	4702
leadframe	inorganic material	phosphorus	7723-14-0	0.243	0.02		158	
	non noble metal	iron	7439-89-6	0.810	0.05		528	
	non noble metal	copper	7440-50-8	808.613	52.72	52.79	527054	527740
	non noble metal	aluminium	7429-90-5	6.176	0.40	0.40	4025	4025
wire	non noble metal	aluminium	7429-90-5	6.176	0.40	0.40	4025	4025
encapsulation	organic material	carbon black	1333-86-4	8.791	0.57		5730	
	plastics	epoxy resin	-	96.702	6.30		63030	
	inorganic material	silicondioxide	60676-86-0	480.578	31.32	38.19	313242	382002
leadfinish	non noble metal	tin	7440-31-5	13.037	0.85	0.85	8497	8497
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	138	139
glue	plastics	Polyimide	26023-21-2	0.179	0.01	0.01	117	117
solder	non noble metal	tin	7440-31-5	0.106	0.01		69	
	noble metal	silver	7440-22-4	0.133	0.01		87	
	non noble metal	lead	7439-92-1	5.069	0.33	0.35	3304	3460
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	6.92	6.93	69228	69318
*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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