



Material Content Data Sheet



Sales Product Name		BTT6020-1EKA		Issued		25. January 2018		
MA#		MA001618494						
Package		PG-DSO-14-47		Weight*		150.66 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	3.172	2.11	2.11	21057	21057
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		115	
	non noble metal	zinc	7440-66-6	0.069	0.05		459	
	non noble metal	iron	7439-89-6	1.383	0.92		9183	
	non noble metal	copper	7440-50-8	56.175	37.29	38.27	372857	382614
wire	non noble metal	copper	7440-50-8	0.713	0.47	0.47	4731	4731
encapsulation	organic material	carbon black	1333-86-4	0.168	0.11		1118	
	plastics	epoxy resin	-	7.746	5.14		51414	
	inorganic material	silicondioxide	60676-86-0	76.282	50.62	55.87	506317	558849
leadfinish	non noble metal	tin	7440-31-5	2.503	1.66	1.66	16611	16611
plating	noble metal	silver	7440-22-4	1.470	0.98	0.98	9759	9759
glue	plastics	epoxy resin	-	0.168	0.11		1116	
	noble metal	silver	7440-22-4	0.793	0.53	0.64	5263	6379
*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.
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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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