



Material Content Data Sheet



Sales Product Name		BTT6100-2EKA		Issued		27. September 2017		
MA#		MA001369090						
Package		PG-DSO-14-40		Weight*		149.22 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	1.998	1.34	1.34	13389	13389
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		117	
	non noble metal	zinc	7440-66-6	0.070	0.05		466	
	non noble metal	iron	7439-89-6	1.392	0.93		9327	
wire	non noble metal	copper	7440-50-8	56.512	37.87	38.86	378722	388632
	non noble metal	copper	7440-50-8	0.522	0.35	0.35	3501	3501
	encapsulation	organic material	carbon black	1333-86-4	0.171	0.11		1144
encapsulation	plastics	epoxy resin	-	7.852	5.26		52619	
	inorganic material	silicondioxide	60676-86-0	77.322	51.83	57.20	518187	571950
leadfinish	non noble metal	tin	7440-31-5	1.241	0.83	0.83	8320	8320
plating	noble metal	silver	7440-22-4	1.417	0.95	0.95	9500	9500
glue	plastics	epoxy resin	-	0.123	0.08		824	
	noble metal	silver	7440-22-4	0.580	0.39	0.47	3884	4708
*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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