



Material Content Data Sheet



Sales Product Name		BTT6100-2EKA		Issued		23. January 2018		
MA#		MA001618872						
Package		PG-DSO-14-40		Weight*		149.20 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	13391	13391
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		9328	
wire	non noble metal	copper	7440-50-8	56.512	37.88	38.87	378761	388672
	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		52625	
	inorganic material	silicondioxide	60676-86-0	77.322	51.83	57.20	518240	572009
leadfinish	non noble metal	tin	7440-31-5	1.226	0.82	0.82	8218	8218
plating	noble metal	silver	7440-22-4	1.417	0.95	0.95	9501	9501
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.
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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com