



## Material Content Data Sheet



<b>Sales Product Name</b>		BTF6070-2EKV		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001711084						
<b>Package</b>		PG-DSO-14-40		<b>Weight*</b>		149.28 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	2.675	1.79	1.79	17919	17919
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		9323	
	non noble metal	copper	7440-50-8	56.512	37.86	38.85	378567	388473
wire	non noble metal	copper	7440-50-8	0.425	0.28	0.28	2846	2846
encapsulation	organic material	carbon black	1333-86-4	0.169	0.11		1135	
	plastics	epoxy resin	-	7.791	5.22		52192	
	inorganic material	silicondioxide	60676-86-0	76.726	51.41	56.74	513979	567306
leadfinish	non noble metal	tin	7440-31-5	1.226	0.82	0.82	8214	8214
plating	noble metal	silver	7440-22-4	1.417	0.95	0.95	9496	9496
glue	plastics	epoxy resin	-	0.150	0.10		1006	
	noble metal	silver	7440-22-4	0.708	0.47	0.57	4740	5746
*deviation	< 10%			Sum in total:		100.00		1000000

### Important Remarks:

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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