



## Material Content Data Sheet



Sales Product Name	BTT6020-1EKA			Issued		23. January 2020		
MA#	MA005351479							
Package	PG-DSO-14-47			Weight*		150.61 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	21064	21064
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		9186	
	non noble metal	copper	7440-50-8	56.175	37.30	38.28	372989	382749
wire	non noble metal	copper	7440-50-8	0.684	0.45	0.45	4541	4541
encapsulation	organic material	carbon black	1333-86-4	0.168	0.11		1118	
	plastics	epoxy resin	-	7.747	5.14		51436	
	inorganic material	silicondioxide	60676-86-0	76.288	50.65	55.90	506536	559090
leadfinish	non noble metal	tin	7440-31-5	2.472	1.64	1.64	16411	16411
plating	noble metal	silver	7440-22-4	1.470	0.98	0.98	9763	9763
glue	plastics	epoxy resin	-	0.168	0.11		1117	
	noble metal	silver	7440-22-4	0.793	0.53	0.64	5265	6382
*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