



Material Content Data Sheet



Halogen-Free

Sales Product Name	BTF6070-2ERV	Issued	11. August 2021
MA#	MA005342958		
Package	PG-TDSO-14-21	Weight*	110.86 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	2.41	2.41	24129	24129
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		134	
	non noble metal	zinc	7440-66-6	0.059	0.05		536	
	non noble metal	iron	7439-89-6	1.188	1.07		10716	
	non noble metal	copper	7440-50-8	48.235	43.52	44.65	435103	446489
wire	non noble metal	copper	7440-50-8	0.423	0.38	0.38	3820	3820
encapsulation	organic material	carbon black	1333-86-4	0.152	0.14		1372	
	plastics	epoxy resin	-	5.934	5.35		53526	
	inorganic material	silicondioxide	60676-86-0	44.630	40.26	45.75	402586	457484
leadfinish	non noble metal	tin	7440-31-5	2.346	2.12	2.12	21158	21158
plating	noble metal	silver	7440-22-4	1.364	1.23	1.23	12309	12309
glue	plastics	epoxy resin	-	0.150	0.14		1354	
	noble metal	silver	7440-22-4	0.708	0.64	0.78	6383	7737
heatspreader	inorganic material	phosphorus	7723-14-0	0.001			8	
	non noble metal	zinc	7440-66-6	0.004			32	
	non noble metal	iron	7439-89-6	0.072	0.06		645	
	non noble metal	copper	7440-50-8	2.903	2.62	2.68	26189	26874
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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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.

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