

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMBF170R1K0M1	**Issued**	08. April 2022
MA#	MA005710446		
Package	PG-TO263-7-13	**Weight***	1355.04 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.015			11	
	noble metal	gold	7440-57-5	0.058			43	
	inorganic material	siliconcarbide	409-21-2	0.888	0.07	0.07	655	709
leadframe	inorganic material	phosphorus	7723-14-0	0.182	0.01		134	
	non noble metal	iron	7439-89-6	0.606	0.04		447	
	non noble metal	copper	7440-50-8	605.520	44.69	44.74	446865	447446
wire	non noble metal	aluminium	7429-90-5	0.474	0.04	0.04	350	350
encapsulation	inorganic material	zincoxide	1314-13-2	6.315	0.47		4660	
	miscellaneous	miscellaneous	-	25.259	1.86		18641	
	plastics	epoxy resin	-	94.722	6.99		69904	
	inorganic material	silicondioxide	60676-86-0	505.185	37.28	46.60	372820	466025
leadfinish	non noble metal	tin	7440-31-5	9.890	0.73	0.73	7299	7299
plating	inorganic material	phosphorus	7723-14-0	0.008			6	
	non noble metal	nickel	7440-02-0	3.405	0.25	0.25	2513	2519
heatspreader	inorganic material	phosphorus	7723-14-0	0.031			23	
	non noble metal	iron	7439-89-6	0.103	0.01		76	
	non noble metal	copper	7440-50-8	102.377	7.56	7.57	75553	75652
*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 Neubiberg
Internet	www.infineon.com