Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPBE65R050CFD7A	**Issued**	24. February 2022
MA#	MA005708927		
Package	PG-TO263-7-11	**Weight***	1563.98 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	15.501	0.99	0.99	9911	9911
leadframe	inorganic material	phosphorus	7723-14-0	0.257	0.02		164	
	non noble metal	iron	7439-89-6	0.856	0.05		547	
	non noble metal	copper	7440-50-8	854.720	54.65	54.72	546505	547216
wire	non noble metal	aluminium	7429-90-5	10.961	0.70	0.70	7008	7008
encapsulation	inorganic material	zincoxide	1314-13-2	5.557	0.36		3553	
	miscellaneous	miscellaneous	-	22.229	1.42		14213	
	plastics	epoxy resin	-	83.358	5.33		53299	
	inorganic material	silicondioxide	60676-86-0	444.577	28.43	35.54	284261	355326
leadfinish	non noble metal	tin	7440-31-5	9.890	0.63	0.63	6324	6324
plating	inorganic material	phosphorus	7723-14-0	0.010			7	
	non noble metal	nickel	7440-02-0	4.272	0.27	0.27	2732	2739
solder	non noble metal	tin	7440-31-5	0.186	0.01		119	
	noble metal	silver	7440-22-4	0.232	0.01		148	
	non noble metal	lead	7439-92-1	8.859	0.57	0.59	5664	5931
heatspreader	inorganic material	phosphorus	7723-14-0	0.031			20	
	non noble metal	iron	7439-89-6	0.103	0.01		66	
	non noble metal	copper	7440-50-8	102.377	6.55	6.56	65459	65545
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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