

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPT60R045CFD7	**Issued**	08. April 2022
MA#	MA005347037		
Package	PG-HSOF-8-2	**Weight***	768.75 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	0.155	0.02		201	
	noble metal	gold	7440-57-5	0.599	0.08		780	
	inorganic material	silicon	7440-21-3	4.702	0.61	0.71	6116	7097
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		164	
	non noble metal	iron	7439-89-6	0.421	0.05		547	
	non noble metal	copper	7440-50-8	420.040	54.63	54.70	546391	547102
wire	non noble metal	aluminium	7429-90-5	7.654	1.00	1.00	9956	9956
encapsulation	inorganic material	zincoxide	1314-13-2	3.281	0.43		4267	
	miscellaneous	miscellaneous	-	13.122	1.71		17069	
	plastics	epoxy resin	-	49.208	6.40		64010	
	inorganic material	silicondioxide	60676-86-0	262.441	34.14	42.68	341385	426731
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8428	8428
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	684	686
*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.
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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.

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