



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPT60R055CFD7	Issued	24. June 2021
MA#	MA005347150		
Package	PG-HSOF-8-2	Weight*	768.35 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	0.132	0.02		172	
	noble metal	gold	7440-57-5	0.514	0.07		668	
	inorganic material	silicon	7440-21-3	4.030	0.52	0.61	5245	6085
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	54.66	54.73	546681	547392
wire	non noble metal	aluminium	7429-90-5	6.965	0.91	0.91	9065	9065
encapsulation	inorganic material	zinc oxide	1314-13-2	3.291	0.43		4283	
	miscellaneous	miscellaneous	-	13.165	1.71		17134	
	plastics	epoxy resin	-	49.367	6.43		64251	
	inorganic material	silicon dioxide	60676-86-0	263.290	34.27	42.84	342672	428340
lead finish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8432	8432
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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