

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP60R125CFD7	**Issued**	04. April 2021
MA#	MA001698124		
Package	PG-TO220-3-123	**Weight***	2027.53 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	5.435	0.27	0.27	2680	2680
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	iron	7439-89-6	0.816	0.04		403	
	non noble metal	copper	7440-50-8	815.335	40.21	40.26	402134	402658
wire	non noble metal	aluminium	7429-90-5	3.067	0.15	0.15	1513	1513
encapsulation	organic material	carbon black	1333-86-4	2.345	0.12		1156	
	plastics	epoxy resin	-	68.000	3.35		33538	
	inorganic material	silicondioxide	60676-86-0	515.859	25.44	28.91	254428	289122
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10585	10585
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	870	870
solder	non noble metal	antimony	7440-36-0	0.297	0.01		146	
	noble metal	silver	7440-22-4	0.741	0.04		366	
	non noble metal	tin	7440-31-5	1.928	0.10	0.15	951	1463
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		291	
	non noble metal	copper	7440-50-8	589.466	29.07	29.11	290731	291109
*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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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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