

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP80R600P7	**Issued**	08. April 2022
MA#	MA001649840		
Package	PG-TO220-3-123	**Weight***	2025.83 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	2.758	0.14	0.14	1361	1361
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	40.23	40.28	402471	402995
wire	non noble metal	aluminium	7429-90-5	1.818	0.09	0.09	897	897
encapsulation	organic material	carbon black	1333-86-4	2.358	0.12		1164	
	plastics	epoxy resin	-	68.386	3.38		33757	
	inorganic material	silicondioxide	60676-86-0	518.789	25.61	29.11	256087	291008
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10594	10594
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	871	871
solder	non noble metal	antimony	7440-36-0	0.187	0.01		92	
	noble metal	silver	7440-22-4	0.466	0.02		230	
	non noble metal	tin	7440-31-5	1.213	0.06	0.09	599	921
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	29.10	29.14	290975	291353
*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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