

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP60R330P6	**Issued**	08. April 2021
MA#	MA001727402		
Package	PG-TO220-3-123	**Weight***	2027.39 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	5.001	0.25	0.25	2467	2467
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	402159	402683
wire	non noble metal	aluminium	7429-90-5	3.300	0.16	0.16	1628	1628
encapsulation	organic material	carbon black	1333-86-4	2.346	0.12		1157	
	plastics	epoxy resin	-	68.026	3.36		33554	
	inorganic material	silicondioxide	60676-86-0	516.062	25.45	28.93	254545	289256
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10586	10586
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	870	870
solder	non noble metal	antimony	7440-36-0	0.280	0.01		138	
	noble metal	silver	7440-22-4	0.700	0.03		345	
	non noble metal	tin	7440-31-5	1.820	0.09	0.13	898	1381
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	29.08	29.12	290751	291129
*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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