

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP80R360P7	**Issued**	22. April 2022
MA#	MA002112112		
Package	PG-TO220-3-123	**Weight***	2026.96 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	4.140	0.20	0.20	2042	2042
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	40.22	40.27	402246	402770
wire	non noble metal	aluminium	7429-90-5	3.237	0.16	0.16	1597	1597
encapsulation	organic material	carbon black	1333-86-4	2.349	0.12		1159	
	plastics	epoxy resin	-	68.122	3.36		33608	
	inorganic material	silicondioxide	60676-86-0	516.791	25.50	28.98	254960	289727
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10588	10588
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	870	870
solder	non noble metal	antimony	7440-36-0	0.246	0.01		121	
	noble metal	silver	7440-22-4	0.615	0.03		304	
	non noble metal	tin	7440-31-5	1.600	0.08	0.12	789	1214
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	290814	291192
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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