

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP60R210CFD7	**Issued**	19. September 2019
MA#	MA005401952		
Package	PG-TO220-3-123	**Weight***	2026.75 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	3.709	0.18	0.18	1830	1830
leadframe	inorganic material	phosphorus	7723-14-0	0.422	0.02		208	
	non noble metal	iron	7439-89-6	1.407	0.07		694	
	non noble metal	copper	7440-50-8	1404.801	69.31	69.40	693131	694033
wire	non noble metal	aluminium	7429-90-5	3.251	0.16	0.16	1604	1604
encapsulation	organic material	carbon black	1333-86-4	2.351	0.12		1160	
	plastics	epoxy resin	-	68.167	3.36		33634	
	inorganic material	silicondioxide	60676-86-0	517.130	25.52	29.00	255153	289947
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10590	10590
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	870	870
solder	non noble metal	antimony	7440-36-0	0.228	0.01		113	
	noble metal	silver	7440-22-4	0.570	0.03		281	
	non noble metal	tin	7440-31-5	1.483	0.07	0.11	732	1126
*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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