

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPW60R099C7	**Issued**	27. April 2022
MA#	MA005735192		
Package	PG-TO247-3-44	**Weight***	6048.92 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	6.630	0.11	0.11	1096	1096
leadframe	inorganic material	phosphorus	7723-14-0	0.159			26	
	non noble metal	iron	7439-89-6	0.530	0.01		88	
	non noble metal	copper	7440-50-8	529.068	8.75	8.76	87465	87579
wire	non noble metal	aluminium	7429-90-5	5.335	0.09	0.09	882	882
encapsulation	organic material	carbon black	1333-86-4	20.003	0.33		3307	
	plastics	epoxy resin	-	380.065	6.28		62832	
	inorganic material	silicondioxide	60676-86-0	1,600.275	26.46	33.07	264555	330694
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5269	5269
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4805	4805
solder	non noble metal	antimony	7440-36-0	0.343	0.01		57	
	noble metal	silver	7440-22-4	0.858	0.01		142	
	non noble metal	tin	7440-31-5	2.231	0.04	0.06	369	568
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		569	
	non noble metal	copper	7440-50-8	3,438.006	56.82	56.90	568367	569107
*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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