

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPW60R024P7	**Issued**	05. April 2021
MA#	MA001913440		
Package	PG-TO247-3-41	**Weight***	6059.54 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	24.892	0.41	0.41	4108	4108
leadframe	inorganic material	phosphorus	7723-14-0	0.159			26	
	non noble metal	iron	7439-89-6	0.530	0.01		87	
	non noble metal	copper	7440-50-8	529.068	8.73	8.74	87312	87425
wire	non noble metal	aluminium	7429-90-5	15.489	0.26	0.26	2556	2556
encapsulation	organic material	carbon black	1333-86-4	19.766	0.33		3262	
	plastics	epoxy resin	-	375.557	6.20		61978	
	inorganic material	silicondioxide	60676-86-0	1,581.291	26.10	32.63	260959	326199
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5260	5260
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4796	4796
solder	non noble metal	antimony	7440-36-0	0.937	0.02		155	
	noble metal	silver	7440-22-4	2.342	0.04		387	
	non noble metal	tin	7440-31-5	6.090	0.10	0.16	1005	1547
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	iron	7439-89-6	3.442	0.06		568	
	non noble metal	copper	7440-50-8	3,438.006	56.71	56.79	567371	568109
*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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