

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPW60R024P7	**Issued**	11. December 2019
MA#	MA005409060		
Package	PG-TO247-3-44	**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	0.00		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	15.486	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	1581.292	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	3438.006	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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com