



Material Content Data Sheet



Sales Product Name		IPW60R024P7		Issued		16. July 2019		
MA#		MA005349524						
Package		PG-TO247-3-41		Weight*		6056.50 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	4110	4110
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	8.74	8.75	87355	87468
	non noble metal	aluminium	7429-90-5	12.449	0.21	0.21	2055	2055
wire	non noble metal	aluminium	7429-90-5	12.449	0.21	0.21	2055	2055
encapsulation	organic material	carbon black	1333-86-4	19.766	0.33		3264	
	plastics	epoxy resin	-	375.557	6.20		62009	
	inorganic material	silicondioxide	60676-86-0	1581.291	26.11	32.64	261090	326363
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5263	5263
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4799	4799
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	1006	1548
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		568	
	non noble metal	copper	7440-50-8	3438.006	56.74	56.82	567655	568394
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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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

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