

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPAW60R360P7S	**Issued**	11. April 2021
MA#	MA001976882		
Package	PG-TO220-3-315	**Weight***	1843.44 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	2.321	0.13	0.13	1259	1259
leadframe	inorganic material	phosphorus	7723-14-0	0.190	0.01		103	
	non noble metal	iron	7439-89-6	0.632	0.03		343	
	non noble metal	copper	7440-50-8	630.863	34.22	34.26	342222	342668
wire	non noble metal	aluminium	7429-90-5	0.798	0.04	0.04	433	433
encapsulation	organic material	carbon black	1333-86-4	12.784	0.69		6935	
	plastics	epoxy resin	-	228.687	12.41		124055	
	inorganic material	silicondioxide	60676-86-0	957.763	51.96	65.06	519553	650543
leadfinish	non noble metal	tin	7440-31-5	7.729	0.42	0.42	4193	4193
solder	non noble metal	antimony	7440-36-0	0.167	0.01		90	
	noble metal	silver	7440-22-4	0.417	0.02		226	
	non noble metal	tin	7440-31-5	1.084	0.06	0.09	588	904
*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.

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