

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPAW60R360P7S E8228	**Issued**	25. June 2021
MA#	MA005564638		
Package	PG-TO220-3-315	**Weight***	1844.08 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	1258	1258
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	34.21	34.25	342101	342547
wire	non noble metal	aluminium	7429-90-5	3.710	0.20	0.20	2012	2012
encapsulation	organic material	carbon black	1333-86-4	12.762	0.69		6920	
	plastics	epoxy resin	-	228.258	12.38		123779	
	inorganic material	silicondioxide	60676-86-0	955.954	51.84	64.91	518390	649089
leadfinish	non noble metal	tin	7440-31-5	7.729	0.42	0.42	4191	4191
solder	non noble metal	antimony	7440-36-0	0.167	0.01		90	
	noble metal	silver	7440-22-4	0.416	0.02		226	
	non noble metal	tin	7440-31-5	1.083	0.06	0.09	587	903
*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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