



## Material Content Data Sheet



Halogen-Free

Sales Product Name	IPAW60R600CE	Issued	04. April 2021
MA#	MA001687712		
Package	PG-TO220-3-315	Weight*	1843.06 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	3.063	0.17	0.17	1662	1662
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	34.23	34.27	342292	342738
wire	non noble metal	aluminium	7429-90-5	0.813	0.04	0.04	441	441
encapsulation	organic material	carbon black	1333-86-4	13.062	0.71		7087	
	plastics	epoxy resin	-	228.716	12.41		124096	
	inorganic material	silicondioxide	60676-86-0	955.990	51.87	64.99	518698	649881
leadfinish	non noble metal	tin	7440-31-5	7.729	0.42	0.42	4194	4194
solder	non noble metal	antimony	7440-36-0	0.200	0.01		108	
	noble metal	silver	7440-22-4	0.500	0.03		271	
	non noble metal	tin	7440-31-5	1.299	0.07	0.11	705	1084
*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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