



Material Content Data Sheet



Sales Product Name		IPP60R125P6		Issued		20. July 2018		
MA#		MA001137978						
Package		PG-TO220-3-123		Weight*		2032.97 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	12.221	0.60	0.60	6011	6011
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402	
	inorganic material	phosphorus	7723-14-0	0.245	0.01		120	
	non noble metal	copper	7440-50-8	815.335	40.09	40.14	401057	401579
wire	non noble metal	aluminium	7429-90-5	26.424	1.30	1.30	12998	12998
encapsulation	organic material	carbon black	1333-86-4	2.236	0.11		1100	
	plastics	epoxy resin	-	64.857	3.19		31903	
	inorganic material	silicondioxide	60676-86-0	492.018	24.20	27.50	242020	275023
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10557	10557
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	868	868
solder	non noble metal	antimony	7440-36-0	0.535	0.03		263	
	noble metal	silver	7440-22-4	1.338	0.07		658	
	non noble metal	tin	7440-31-5	3.480	0.17	0.27	1712	2633
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		290	
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	copper	7440-50-8	589.466	29.00	29.04	289954	290331
*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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