



Material Content Data Sheet



Sales Product Name		IPP60R750E6		Issued		20. July 2018		
MA#		MA001325912						
Package		PG-TO220-3-123		Weight*		2025.37 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	2.737	0.14	0.14	1351	1351
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		403	
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	copper	7440-50-8	815.335	40.26	40.31	402560	403084
wire	non noble metal	aluminium	7429-90-5	0.696	0.03	0.03	344	344
encapsulation	organic material	carbon black	1333-86-4	2.361	0.12		1166	
	plastics	epoxy resin	-	68.466	3.38		33804	
	inorganic material	silicondioxide	60676-86-0	519.394	25.64	29.14	256444	291414
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10597	10597
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	871	871
solder	non noble metal	antimony	7440-36-0	0.186	0.01		92	
	noble metal	silver	7440-22-4	0.466	0.02		230	
	non noble metal	tin	7440-31-5	1.211	0.06	0.09	598	920
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		291	
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	copper	7440-50-8	589.466	29.10	29.14	291041	291419
*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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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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