



Material Content Data Sheet



Sales Product Name				IPP60R750E6		Issued		27. September 2017	
MA#				MA001318928					
Package				PG-TO220-3-1		Weight*		2030.40 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	0.13	0.13	1348	1348	
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121		
	non noble metal	copper	7440-50-8	815.335	40.17	40.22	401563	402086	
wire	non noble metal	aluminium	7429-90-5	0.737	0.04	0.04	363	363	
encapsulation	organic material	carbon black	1333-86-4	5.967	0.29		2939		
	plastics	epoxy resin	-	113.378	5.58		55840		
	inorganic material	silicondioxide	60676-86-0	477.383	23.51	29.38	235118	293897	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10571	10571	
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	401562	120	
solder	non noble metal	antimony	7440-36-0	0.186	0.01		92		
	noble metal	silver	7440-22-4	0.466	0.02		229		
	non noble metal	tin	7440-31-5	1.211	0.06	0.09	596	917	
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	29.03	29.07	290320	290698	
*deviation	< 10%					Sum in total:	100.00		1000000

Important Remarks:

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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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