



Material Content Data Sheet



Sales Product Name				IPP65R065C7		Issued		23. January 2018	
MA#				MA001192132					
Package				PG-TO220-3-1		Weight*		2034.76 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	10.944	0.54	0.54	5379	5379	
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		401		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		120		
	non noble metal	copper	7440-50-8	815.335	40.08	40.13	400702	401224	
wire	non noble metal	aluminium	7429-90-5	5.645	0.28	0.28	2774	2774	
encapsulation	organic material	carbon black	1333-86-4	5.849	0.29		2874		
	plastics	epoxy resin	-	111.122	5.46		54612		
	inorganic material	silicondioxide	60676-86-0	467.884	22.99	28.74	229945	287431	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.05	1.05	10548	10548	
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	1	120	
solder	non noble metal	antimony	7440-36-0	0.498	0.02		245		
	noble metal	silver	7440-22-4	1.246	0.06		612		
	non noble metal	tin	7440-31-5	3.239	0.16	0.24	1592	2449	
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	28.97	29.01	289698	290075	
*deviation	< 10%					Sum in total:	100.00	1000000	

Important Remarks:

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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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