



Material Content Data Sheet



Sales Product Name				IPI65R660CFD		Issued		19. July 2018	
MA#				MA001040844					
Package				PG-TO262-3-1		Weight*		1568.13 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	3.294	0.21	0.21	2101	2101	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		543		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163		
	non noble metal	copper	7440-50-8	849.682	54.19	54.26	541842	542549	
wire	non noble metal	aluminium	7429-90-5	0.717	0.05	0.05	457	457	
encapsulation	organic material	carbon black	1333-86-4	5.895	0.38		3759		
	plastics	epoxy resin	-	111.998	7.14		71421		
	inorganic material	silicondioxide	60676-86-0	471.570	30.07	37.59	300721	375901	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9692	9692	
plating	non noble metal	nickel	7440-02-0	0.228	0.01		146		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	146	
solder	non noble metal	antimony	7440-36-0	0.209	0.01		134		
	noble metal	silver	7440-22-4	0.523	0.03		334		
	non noble metal	tin	7440-31-5	1.361	0.09	0.13	868	1336	
heatspreader	non noble metal	iron	7439-89-6	0.106	0.01		68		
	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	copper	7440-50-8	106.210	6.77	6.78	67730	67818	
*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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