



Material Content Data Sheet



Sales Product Name				IPI90R800C3		Issued		2. August 2018	
MA#				MA000669528					
Package				PG-TO262-3-1		Weight*		1569.79 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	6.653	0.42	0.42	4238	4238	
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		542		
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163		
	non noble metal	copper	7440-50-8	849.682	54.14	54.21	541270	541975	
wire	non noble metal	aluminium	7429-90-5	1.325	0.08	0.08	844	844	
encapsulation	organic material	carbon black	1333-86-4	5.858	0.37		3732		
	plastics	epoxy resin	-	111.308	7.09		70906		
	inorganic material	silicondioxide	60676-86-0	468.665	29.86	37.32	298553	373191	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9681	9681	
plating	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	146	147	
	inorganic material	phosphorus	7723-14-0	0.001	0.00		1		
solder	non noble metal	antimony	7440-36-0	0.342	0.02		218		
	noble metal	silver	7440-22-4	0.855	0.05		544		
	non noble metal	tin	7440-31-5	2.222	0.14	0.21	1415	2177	
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	67659	67747	
*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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