



## Material Content Data Sheet



<b>Sales Product Name</b>				IPI70R950CE		<b>Issued</b>		25. January 2018	
<b>MA#</b>				MA001809712					
<b>Package</b>				PG-TO262-3-1		<b>Weight*</b>		1567.75 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	2.509	0.16	0.16	1600	1600	
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163		
	non noble metal	iron	7439-89-6	0.851	0.05		543		
	non noble metal	copper	7440-50-8	849.682	54.21	54.28	541974	542680	
	non noble metal	aluminium	7429-90-5	0.702	0.04	0.04	448	448	
wire	non noble metal	aluminium	7429-90-5	0.702	0.04	0.04	448	448	
encapsulation	organic material	carbon black	1333-86-4	5.902	0.38		3765		
	plastics	epoxy resin	-	112.138	7.15		71528		
	inorganic material	silicondioxide	60676-86-0	472.160	30.12	37.65	301170	376463	
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9694	9694	
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		1		
	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	146	147	
solder	non noble metal	antimony	7440-36-0	0.178	0.01		113		
	noble metal	silver	7440-22-4	0.444	0.03		283		
	non noble metal	tin	7440-31-5	1.155	0.07	0.11	737	1133	
heatspreader	inorganic material	phosphorus	7723-14-0	0.032	0.00		20		
	non noble metal	iron	7439-89-6	0.106	0.01		68		
	non noble metal	copper	7440-50-8	106.210	6.77	6.78	67747	67835	
*deviation	< 10%			Sum in total:		100.00		1000000	

### Important Remarks:

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