



Material Content Data Sheet



Sales Product Name		IPZ60R125P6		Issued		20. July 2018		
MA#		MA001401496						
Package		PG-TO247-4-1		Weight*		6166.41 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	12.221	0.20	0.20	1982	1982
leadframe	non noble metal	iron	7439-89-6	2.890	0.05		469	
	inorganic material	phosphorus	7723-14-0	0.867	0.01		141	
	non noble metal	copper	7440-50-8	2885.760	46.78	46.84	467980	468590
wire	non noble metal	aluminium	7429-90-5	1.695	0.03	0.03	275	275
encapsulation	organic material	carbon black	1333-86-4	20.078	0.33		3256	
	plastics	epoxy resin	-	381.477	6.19		61863	
	inorganic material	silicondioxide	60676-86-0	1606.219	26.05	32.57	260478	325597
leadfinish	non noble metal	tin	7440-31-5	23.375	0.38	0.38	3791	3791
plating	non noble metal	nickel	7440-02-0	1.970	0.03	0.03	319	319
solder	non noble metal	antimony	7440-36-0	0.535	0.01		87	
	noble metal	silver	7440-22-4	1.337	0.02		217	
	non noble metal	tin	7440-31-5	3.475	0.06	0.09	564	868
heatspreader	inorganic material	phosphorus	7723-14-0	0.367	0.01		60	
	non noble metal	iron	7439-89-6	1.225	0.02		199	
	non noble metal	copper	7440-50-8	1222.919	19.83	19.86	198319	198578
*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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