



Material Content Data Sheet



Sales Product Name		IPZ60R060C7		Issued		19. January 2018		
MA#		MA001394028						
Package		PG-TO247-4-1		Weight*		6172.64 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	10.303	0.17	0.17	1669	1669
leadframe	non noble metal	iron	7439-89-6	2.890	0.05		468	
	inorganic material	phosphorus	7723-14-0	0.867	0.01		140	
	non noble metal	copper	7440-50-8	2885.760	46.74	46.80	467507	468115
wire	non noble metal	aluminium	7429-90-5	62.685	1.02	1.02	10155	10155
encapsulation	organic material	carbon black	1333-86-4	19.555	0.32		3168	
	plastics	epoxy resin	-	371.553	6.02		60194	
	inorganic material	silicondioxide	60676-86-0	1564.432	25.34	31.68	253447	316809
leadfinish	non noble metal	tin	7440-31-5	23.375	0.38	0.38	3787	3787
plating	non noble metal	nickel	7440-02-0	1.970	0.03	0.03	319	319
solder	non noble metal	antimony	7440-36-0	0.474	0.01		77	
	noble metal	silver	7440-22-4	1.186	0.02		192	
	non noble metal	tin	7440-31-5	3.083	0.05	0.08	499	768
heatspreader	inorganic material	phosphorus	7723-14-0	0.367	0.01		60	
	non noble metal	iron	7439-89-6	1.225	0.02		198	
	non noble metal	copper	7440-50-8	1222.919	19.81	19.84	198120	198378
*deviation	< 10%					Sum in total:	100.00	1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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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