



Material Content Data Sheet



Sales Product Name		IPZA60R037P7		Issued		1. August 2018		
MA#		MA001730870						
Package		PG-TO247-4-3		Weight*		6294.79 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	18.048	0.29	0.29	2867	2867
leadframe	inorganic material	phosphorus	7723-14-0	1.279	0.02		203	
		non noble metal	iron	7439-89-6	4.263	0.07		677
	non noble metal	copper	7440-50-8	4257.756	67.64	67.73	676394	677274
		wire	non noble metal	aluminium	7429-90-5	9.564	0.15	0.15
encapsulation	organic material	carbon black	1333-86-4	19.605	0.31		3115	
		plastics	epoxy resin	-	372.502	5.92		59176
	inorganic material	silicondioxide	60676-86-0	1568.428	24.92	31.15	249163	311454
leadfinish	non noble metal	tin	7440-31-5	34.164	0.54	0.54	5427	5427
plating	non noble metal	nickel	7440-02-0	1.950	0.03	0.03	310	310
solder	non noble metal	antimony	7440-36-0	0.723	0.01		115	
		noble metal	silver	7440-22-4	1.809	0.03		287
	non noble metal	tin	7440-31-5	4.702	0.07	0.11	747	1149
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com