



Material Content Data Sheet



Sales Product Name		IPI60R125CP		Issued		27. September 2017		
MA#		MA001135254						
Package		PG-TO262-3-22		Weight*		1568.23 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	13.508	0.86	0.86	8613	8613
leadframe	non noble metal	iron	7439-89-6	0.851	0.05		543	
	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	copper	7440-50-8	849.682	54.17	54.24	541810	542516
wire	non noble metal	aluminium	7429-90-5	2.565	0.16	0.16	1636	1636
encapsulation	organic material	carbon black	1333-86-4	2.289	0.15		1459	
	plastics	epoxy resin	-	66.372	4.23		42323	
	inorganic material	silicondioxide	60676-86-0	503.515	32.11	36.49	321072	364854
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9691	9691
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1053	1053
solder	noble metal	silver	7440-22-4	1.499	0.10		956	
	non noble metal	antimony	7440-36-0	0.600	0.04		382	
	non noble metal	tin	7440-31-5	3.897	0.25	0.39	2485	3823
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	67726	67814
*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

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