



## Material Content Data Sheet



<b>Sales Product Name</b>		IPAN60R650CE		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA001702408						
<b>Package</b>		PG-TO220-3-318		<b>Weight*</b>		2135.43 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	3.063	0.14	0.14	1434	1434
leadframe	inorganic material	phosphorus	7723-14-0	0.322	0.02		151	
	non noble metal	iron	7439-89-6	1.075	0.05		503	
	non noble metal	copper	7440-50-8	1073.304	50.27	50.34	502618	503272
	non noble metal	aluminium	7429-90-5	0.789	0.04	0.04	369	369
wire	non noble metal	aluminium	7429-90-5	0.789	0.04	0.04	369	369
encapsulation	organic material	carbon black	1333-86-4	5.373	0.25		2516	
	inorganic material	zinc oxide	1314-13-2	73.139	3.42		34250	
	plastics	epoxy resin	-	101.193	4.74		47388	
	inorganic material	silicondioxide	60676-86-0	868.110	40.65	49.06	406528	490682
leadfinish	non noble metal	tin	7440-31-5	7.067	0.33	0.33	3309	3309
solder	non noble metal	antimony	7440-36-0	0.200	0.01		93	
	noble metal	silver	7440-22-4	0.499	0.02		234	
	non noble metal	tin	7440-31-5	1.297	0.06	0.09	607	934
*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