



Material Content Data Sheet



Sales Product Name				IPP60R380P6		Issued		20. July 2018	
MA#				MA001727496					
Package				PG-TO220-3-1		Weight*		2031.28 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	4.522	0.22	0.22	2226	2226	
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		121		
	non noble metal	iron	7439-89-6	0.816	0.04		402		
	non noble metal	copper	7440-50-8	815.335	40.14	40.19	401389	401912	
	non noble metal	aluminium	7429-90-5	0.778	0.04	0.04	383	383	
wire	non noble metal	aluminium	7429-90-5	0.778	0.04	0.04	383	383	
encapsulation	organic material	carbon black	1333-86-4	5.950	0.29		2929		
	plastics	epoxy resin	-	113.057	5.57		55658		
	inorganic material	silicondioxide	60676-86-0	476.030	23.44	29.30	234350	292937	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10566	10566	
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		1		
	non noble metal	nickel	7440-02-0	0.244	0.01	0.01	120	121	
solder	non noble metal	antimony	7440-36-0	0.261	0.01		128		
	noble metal	silver	7440-22-4	0.652	0.03		321		
	non noble metal	tin	7440-31-5	1.694	0.08	0.12	834	1283	
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	iron	7439-89-6	0.590	0.03		291		
	non noble metal	copper	7440-50-8	589.466	29.02	29.06	290194	290572	
*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