



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE2A380P2		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA000089460						
<b>Package</b>		PG-TO220-6-47		<b>Weight*</b>		1953.28 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	6.658	0.34	0.34	3409	3409
leadframe	non noble metal	iron	7439-89-6	1.367	0.07		700	
	inorganic material	phosphorus	7723-14-0	0.410	0.02		210	
	non noble metal	copper	7440-50-8	1365.438	69.92	70.01	699049	699959
wire	non noble metal	aluminium	7429-90-5	0.368	0.02	0.02	188	188
encapsulation	organic material	carbon black	1333-86-4	6.097	0.31		3121	
	inorganic material	antimonytrioxide	1309-64-4	12.748	0.65		6526	
	plastics	brominated resin	-	14.410	0.74		7378	
	plastics	epoxy resin	-	105.307	5.39		53913	
	inorganic material	silicondioxide	60676-86-0	415.686	21.28	28.37	212814	283752
leadfinish	non noble metal	tin	7440-31-5	20.128	1.03	1.03	10305	10305
plating	non noble metal	nickel	7440-02-0	1.022	0.05	0.05	523	523
glue	plastics	Polyimide	26023-21-2	0.582	0.03	0.03	298	298
solder	noble metal	silver	7440-22-4	0.077	0.00		39	
	non noble metal	tin	7440-31-5	0.061	0.00		31	
	non noble metal	lead	7439-92-1	2.923	0.15	0.15	1496	1566
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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