



Material Content Data Sheet



Sales Product Name		ICE2B765P2		Issued		25. September 2017		
MA#		MA000044974						
Package		PG-TO220-6-47		Weight*		1954.88 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	9.782	0.50	0.50	5004	5004
leadframe	non noble metal	iron	7439-89-6	1.367	0.07		699	
	inorganic material	phosphorus	7723-14-0	0.410	0.02		210	
	non noble metal	copper	7440-50-8	1365.438	69.85	69.94	698476	699385
wire	non noble metal	aluminium	7429-90-5	0.383	0.02	0.02	196	196
encapsulation	organic material	carbon black	1333-86-4	6.066	0.31		3103	
	inorganic material	antimonytrioxide	1309-64-4	12.684	0.65		6488	
	plastics	brominated resin	-	14.338	0.73		7334	
	plastics	epoxy resin	-	104.778	5.36		53598	
	inorganic material	silicondioxide	60676-86-0	413.597	21.16	28.21	211571	282094
leadfinish	non noble metal	tin	7440-31-5	20.128	1.03	1.03	10297	10297
plating	non noble metal	nickel	7440-02-0	1.022	0.05	0.05	523	523
glue	plastics	Polyimide	26023-21-2	0.610	0.03	0.03	312	312
solder	noble metal	silver	7440-22-4	0.107	0.01		55	
	non noble metal	tin	7440-31-5	0.086	0.00		44	
	non noble metal	lead	7439-92-1	4.085	0.21	0.22	2090	2189
*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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