



Material Content Data Sheet



Sales Product Name		IPC80N04S4-03		Issued		20. July 2018		
MA#		MA001255710						
Package		PG-TDSON-8-23		Weight*		100.63 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	1.776	1.77	1.77	17651	17651
leadframe	non noble metal	iron	7439-89-6	0.053	0.05		522	
	inorganic material	phosphorus	7723-14-0	0.016	0.02		157	
	non noble metal	copper	7440-50-8	52.469	52.14	52.21	521415	522094
wire	non noble metal	aluminium	7429-90-5	1.108	1.10	1.10	11006	11006
encapsulation	organic material	carbon black	1333-86-4	0.083	0.08		820	
	plastics	epoxy resin	-	5.862	5.82		58250	
	inorganic material	silicondioxide	60676-86-0	35.334	35.11	41.01	351138	410208
leadfinish	non noble metal	tin	7440-31-5	1.535	1.53	1.53	15251	15251
plating	inorganic material	phosphorus	7723-14-0	0.002	0.00		15	
	non noble metal	nickel	7440-02-0	0.632	0.63	0.63	6280	6295
solder	noble metal	silver	7440-22-4	0.044	0.04		437	
	non noble metal	tin	7440-31-5	0.035	0.04		350	
	non noble metal	lead	7439-92-1	1.681	1.67	1.75	16708	17495
*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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