



Material Content Data Sheet



Sales Product Name		IPC100N04S5L-1R9		Issued		19. January 2018		
MA#		MA001369332						
Package		PG-TDSON-8-34		Weight*		112.38 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	0.821	0.73	0.73	7304	7304
leadframe	non noble metal	iron	7439-89-6	0.053	0.05		474	
	inorganic material	phosphorus	7723-14-0	0.016	0.01		142	
	non noble metal	copper	7440-50-8	53.151	47.29	47.35	472974	473590
wire	noble metal	gold	7440-57-5	0.044	0.04	0.04	391	391
encapsulation	organic material	carbon black	1333-86-4	0.076	0.07		673	
	plastics	epoxy resin	-	5.979	5.32		53207	
	inorganic material	silicondioxide	60676-86-0	31.788	28.29	33.68	282872	336752
leadfinish	non noble metal	tin	7440-31-5	1.593	1.42	1.42	14180	14180
plating	noble metal	silver	7440-22-4	0.209	0.19	0.19	1862	1862
solder	noble metal	silver	7440-22-4	0.029	0.03		257	
	non noble metal	tin	7440-31-5	0.023	0.02		206	
	non noble metal	lead	7439-92-1	1.105	0.98	1.03	9835	10298
CLIP plating	noble metal	silver	7440-22-4	0.639	0.57	0.57	5686	5686
heat sink CLIP	non noble metal	iron	7439-89-6	0.017	0.02		150	
	inorganic material	phosphorus	7723-14-0	0.005	0.00		45	
	non noble metal	copper	7440-50-8	16.828	14.97	14.99	149742	149937
*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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