



Material Content Data Sheet



Sales Product Name		IAUT165N08S5N029		Issued		1. August 2018			
MA#		MA001587448							
Package		PG-HSOF-8-1		Weight*		768.70 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	2.906	0.38	0.38	3781	3781	
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		164		
	non noble metal	iron	7439-89-6	0.421	0.05		547		
	non noble metal	copper	7440-50-8	420.040	54.64	54.71	546431	547142	
	non noble metal	aluminium	7429-90-5	7.538	0.98	0.98	9806	9806	
wire	non noble metal	aluminium	7429-90-5	7.538	0.98	0.98	9806	9806	
encapsulation	organic material	carbon black	1333-86-4	4.919	0.64		6399		
	plastics	epoxy resin	-	54.106	7.04		70387		
	inorganic material	silicondioxide	60676-86-0	268.893	34.98	42.66	349802	426588	
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8428	8428	
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		2		
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	684	686	
solder	non noble metal	tin	7440-31-5	0.055	0.01		71		
	noble metal	silver	7440-22-4	0.069	0.01		89		
	non noble metal	lead	7439-92-1	2.621	0.34	0.36	3409	3569	
*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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