

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IAUT300N08S5N014	**Issued**	16. May 2021
MA#	MA005344606		
Package	PG-HSOF-8-1	**Weight***	776.40 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	6.440	0.83	0.83	8294	8294
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		163	
	non noble metal	iron	7439-89-6	0.421	0.05		542	
	non noble metal	copper	7440-50-8	420.040	54.10	54.17	541012	541717
wire	non noble metal	aluminium	7429-90-5	20.278	2.61	2.61	26118	26118
encapsulation	inorganic material	zincoxide	1314-13-2	3.168	0.41		4080	
	miscellaneous	miscellaneous	-	12.670	1.63		16319	
	plastics	epoxy resin	-	47.513	6.12		61197	
	inorganic material	silicondioxide	60676-86-0	253.403	32.64	40.80	326383	407979
leadfinish	non noble metal	tin	7440-31-5	6.479	0.83	0.83	8345	8345
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	677	679
solder	non noble metal	tin	7440-31-5	0.107	0.01		137	
	noble metal	silver	7440-22-4	0.133	0.02		172	
	non noble metal	lead	7439-92-1	5.093	0.66	0.69	6559	6868
*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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