

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IAUT200N08S5N023	**Issued**	15. May 2021
MA#	MA005344473		
Package	PG-HSOF-8-1	**Weight***	772.57 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	3.865	0.50	0.50	5003	5003
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		163	
	non noble metal	iron	7439-89-6	0.421	0.05		544	
	non noble metal	copper	7440-50-8	420.040	54.37	54.44	543694	544401
wire	non noble metal	aluminium	7429-90-5	14.006	1.81	1.81	18129	18129
encapsulation	inorganic material	zincoxide	1314-13-2	3.237	0.42		4190	
	miscellaneous	miscellaneous	-	12.948	1.68		16760	
	plastics	epoxy resin	-	48.555	6.28		62850	
	inorganic material	silicondioxide	60676-86-0	258.963	33.52	41.90	335197	418997
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8386	8386
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	681	683
solder	non noble metal	tin	7440-31-5	0.068	0.01		88	
	noble metal	silver	7440-22-4	0.085	0.01		110	
	non noble metal	lead	7439-92-1	3.247	0.42	0.44	4203	4401
*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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