

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IAUT240N08S5N019	**Issued**	16. May 2021
MA#	MA005344621		
Package	PG-HSOF-8-1	**Weight***	773.66 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	4.611	0.60	0.60	5960	5960
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	54.28	54.35	542926	543633
wire	non noble metal	aluminium	7429-90-5	15.797	2.04	2.04	20419	20419
encapsulation	inorganic material	zincoxide	1314-13-2	3.217	0.42		4158	
	miscellaneous	miscellaneous	-	12.868	1.66		16633	
	plastics	epoxy resin	-	48.257	6.24		62374	
	inorganic material	silicondioxide	60676-86-0	257.368	33.27	41.59	332664	415829
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8374	8374
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	680	682
solder	non noble metal	tin	7440-31-5	0.079	0.01		102	
	noble metal	silver	7440-22-4	0.099	0.01		128	
	non noble metal	lead	7439-92-1	3.770	0.49	0.51	4873	5103
*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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