



Material Content Data Sheet



Halogen-Free

Sales Product Name	IAUT165N08S5N029	Issued	10. May 2021
MA#	MA001587448		
Package	PG-HSOF-8-1	Weight*	770.54 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	3772	3772
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		164	
	non noble metal	iron	7439-89-6	0.421	0.05		546	
	non noble metal	copper	7440-50-8	420.040	54.50	54.57	545123	545833
wire	non noble metal	aluminium	7429-90-5	9.379	1.22	1.22	12172	12172
encapsulation	inorganic material	zinc oxide	1314-13-2	3.279	0.43		4256	
	miscellaneous	miscellaneous	-	13.117	1.70		17023	
	plastics	epoxy resin	-	49.188	6.38		63835	
	inorganic material	silicon dioxide	60676-86-0	262.334	34.05	42.56	340455	425569
lead finish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8408	8408
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	683	685
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	3401	3561
*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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