

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IAUZ30N06S5L140	**Issued**	15. May 2021
MA#	MA004565650		
Package	PG-TSDSON-8-32	**Weight***	35.21 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	0.223	0.63	0.63	6327	6327
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		88	
	non noble metal	zinc	7440-66-6	0.012	0.04		353	
	non noble metal	iron	7439-89-6	0.249	0.71		7065	
	non noble metal	copper	7440-50-8	10.102	28.69	29.45	286888	294394
wire	noble metal	gold	7440-57-5	0.029	0.08	0.08	815	815
encapsulation	organic material	carbon black	1333-86-4	0.037	0.11		1065	
	plastics	epoxy resin	-	1.931	5.48		54835	
	inorganic material	silicondioxide	60676-86-0	16.778	47.64	53.23	476477	532377
leadfinish	non noble metal	tin	7440-31-5	0.400	1.14	1.14	11367	11367
plating	noble metal	silver	7440-22-4	0.086	0.24	0.24	2432	2432
solder	non noble metal	tin	7440-31-5	0.007	0.02		210	
	noble metal	silver	7440-22-4	0.009	0.03		263	
	non noble metal	lead	7439-92-1	0.353	1.00	1.05	10035	10508
heat sink clip	inorganic material	phosphorus	7723-14-0	0.001			26	
	non noble metal	zinc	7440-66-6	0.004	0.01		103	
	non noble metal	iron	7439-89-6	0.073	0.21		2069	
	non noble metal	copper	7440-50-8	2.958	8.40	8.62	83990	86188
heatspreader	inorganic material	phosphorus	7723-14-0	0.001			17	
	non noble metal	zinc	7440-66-6	0.002	0.01		67	
	non noble metal	iron	7439-89-6	0.047	0.13		1334	
	non noble metal	copper	7440-50-8	1.908	5.42	5.56	54174	55592
*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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