

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IAUC120N06S5N017	**Issued**	08. April 2022
MA#	MA005704733		
Package	PG-TDSON-8-43	**Weight***	117.31 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	2.206	1.88	1.88	18805	18805
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		128	
	non noble metal	iron	7439-89-6	0.050	0.04		425	
	non noble metal	copper	7440-50-8	49.837	42.49	42.54	424828	425381
wire	noble metal	gold	7440-57-5	0.027	0.02	0.02	232	232
encapsulation	organic material	carbon black	1333-86-4	0.065	0.06		550	
	plastics	epoxy resin	-	5.099	4.35		43470	
	inorganic material	silicondioxide	60676-86-0	27.111	23.11	27.52	231105	275125
leadfinish	non noble metal	tin	7440-31-5	1.283	1.09	1.09	10935	10935
plating	noble metal	silver	7440-22-4	0.209	0.18	0.18	1783	1783
solder	non noble metal	tin	7440-31-5	0.047	0.04		400	
	noble metal	silver	7440-22-4	0.059	0.05		500	
	non noble metal	lead	7439-92-1	2.239	1.91	2.00	19084	19984
heat sink clip	inorganic material	phosphorus	7723-14-0	0.009	0.01		74	
	non noble metal	iron	7439-89-6	0.029	0.02		248	
	non noble metal	copper	7440-50-8	29.026	24.74	24.77	247433	247755
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com