

Material Content Data Sheet

RoHS

Sales Product Name	ITS4141D	**Issued**	24. February 2022
MA#	MA005699712		
Package	PG-TO252-5-11	**Weight***	350.15 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	2.309	0.66	0.66	6595	6595
leadframe	inorganic material	phosphorus	7723-14-0	0.061	0.02		175	
	non noble metal	iron	7439-89-6	0.205	0.06		584	
	non noble metal	copper	7440-50-8	204.243	58.33	58.41	583295	584054
wire	non noble metal	aluminium	7429-90-5	0.545	0.16	0.16	1556	1556
encapsulation	organic material	carbon black	1333-86-4	1.352	0.39		3862	
	inorganic material	antimonytrioxide	1309-64-4	2.705	0.77		7724	
	plastics	brominated resin	-	2.705	0.77		7724	
	plastics	epoxy resin	-	27.046	7.72		77239	
	inorganic material	silicondioxide	60676-86-0	101.421	28.96	38.61	289647	386196
leadfinish	non noble metal	tin	7440-31-5	5.072	1.45	1.45	14486	14486
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.076	0.02	0.02	218	219
solder	non noble metal	tin	7440-31-5	0.048	0.01		138	
	noble metal	silver	7440-22-4	0.060	0.02		172	
	non noble metal	lead	7439-92-1	2.305	0.66	0.69	6584	6894
*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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