



Material Content Data Sheet



Sales Product Name		ITS4141D		Issued		20. July 2018		
MA#		MA000222128						
Package		PG-TO252-5-11		Weight*		350.05 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	6597	6597
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	58.34	58.42	583474	584233
	non noble metal	aluminium	7429-90-5	0.438	0.13	0.13	1251	1251
wire	non noble metal	aluminium	7429-90-5	0.438	0.13	0.13	1251	1251
encapsulation	organic material	carbon black	1333-86-4	1.352	0.39		3863	
	inorganic material	antimonytrioxide	1309-64-4	2.705	0.77		7726	
	plastics	brominated resin	-	2.705	0.77		7726	
	plastics	epoxy resin	-	27.046	7.73		77263	
	inorganic material	silicondioxide	60676-86-0	101.421	28.97	38.63	289735	386313
leadfinish	non noble metal	tin	7440-31-5	5.072	1.45	1.45	14491	14491
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		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	6586	6896
*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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