

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRFTS8342TRPBF	**Issued**	08. April 2022
MA#	MA001552398		
Package	PG-TSOP-6-903	**Weight***	16.67 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	0.657	3.94	3.94	39388	39388
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		121	
	non noble metal	zinc	7440-66-6	0.008	0.05		484	
	non noble metal	iron	7439-89-6	0.161	0.97		9672	
	non noble metal	copper	7440-50-8	6.548	39.27	40.30	392743	403020
wire	non noble metal	copper	7440-50-8	0.145	0.87	0.87	8718	8718
encapsulation	organic material	carbon black	1333-86-4	0.015	0.09		901	
	plastics	epoxy resin	-	0.736	4.42		44151	
	inorganic material	silicondioxide	60676-86-0	6.760	40.55	45.06	405471	450523
leadfinish	non noble metal	tin	7440-31-5	0.421	2.52	2.52	25239	25239
plating	noble metal	silver	7440-22-4	0.190	1.14	1.14	11395	11395
solder	noble metal	silver	7440-22-4	0.026	0.15		1543	
	non noble metal	tin	7440-31-5	0.051	0.31		3086	
	non noble metal	lead	7439-92-1	0.952	5.71	6.17	57088	61717
*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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