

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRFTS9342TRPBF	**Issued**	08. April 2022
MA#	MA001571656		
Package	PG-TSOP-6-903	**Weight***	16.66 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	39422	39422
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		9682	
	non noble metal	copper	7440-50-8	6.548	39.31	40.34	393138	403425
wire	non noble metal	copper	7440-50-8	0.124	0.74	0.74	7417	7417
encapsulation	organic material	carbon black	1333-86-4	0.015	0.09		903	
	plastics	epoxy resin	-	0.737	4.42		44225	
	inorganic material	silicondioxide	60676-86-0	6.765	40.62	45.13	406144	451272
leadfinish	non noble metal	tin	7440-31-5	0.421	2.53	2.53	25264	25264
plating	noble metal	silver	7440-22-4	0.190	1.14	1.14	11406	11406
solder	noble metal	silver	7440-22-4	0.026	0.15		1545	
	non noble metal	tin	7440-31-5	0.051	0.31		3090	
	non noble metal	lead	7439-92-1	0.952	5.72	6.18	57159	61794
*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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