



Material Content Data Sheet



Halogen-Free

Sales Product Name	IRFR5410TRPBF	Issued	09. February 2022
MA#	MA005539397		
Package	PG-TO252-3-901	Weight*	328.57 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	6.104	1.86	1.86	18577	18577
leadframe	inorganic material	phosphorus	7723-14-0	0.056	0.02		172	
	non noble metal	iron	7439-89-6	0.188	0.06		573	
	non noble metal	copper	7440-50-8	187.935	57.18	57.26	571983	572728
wire	non noble metal	aluminium	7429-90-5	0.508	0.15	0.15	1545	1545
encapsulation	inorganic material	zinc oxide	1314-13-2	1.263	0.38		3844	
	miscellaneous	miscellaneous	-	6.315	1.92		19220	
	plastics	epoxy resin	-	18.945	5.77		57659	
	inorganic material	silicon dioxide	60676-86-0	99.776	30.37	38.44	303669	384392
lead finish	non noble metal	tin	7440-31-5	1.533	0.47	0.47	4666	4666
solder	non noble metal	tin	7440-31-5	0.119	0.04		362	
	noble metal	silver	7440-22-4	0.149	0.05		452	
	non noble metal	lead	7439-92-1	5.677	1.73	1.82	17278	18092
*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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