

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IRLML6302TRPBF-1	**Issued**	27. April 2022
MA#	MA005725115		
Package	PG-SOT23-3-901	**Weight***	10.96 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	0.400	3.65	3.65	36462	36462
leadframe	inorganic material	phosphorus	7723-14-0	0.001	0.01		106	
	non noble metal	zinc	7440-66-6	0.005	0.04		422	
	non noble metal	iron	7439-89-6	0.093	0.85		8451	
	non noble metal	copper	7440-50-8	3.761	34.31	35.21	343141	352120
wire	non noble metal	copper	7440-50-8	0.042	0.38	0.38	3825	3825
encapsulation	organic material	carbon black	1333-86-4	0.012	0.11		1105	
	inorganic material	zink oxide	1314-13-2	0.061	0.55		5524	
	plastics	epoxy resin	-	0.605	5.52		55238	
	inorganic material	silica	-	5.377	49.05	55.23	490514	552381
leadfinish	non noble metal	tin	7440-31-5	0.115	1.05	1.05	10476	10476
plating	noble metal	silver	7440-22-4	0.121	1.11	1.11	11069	11069
glue	plastics	epoxy resin	-	0.004	0.03		337	
	plastics	acrylic resin	-	0.037	0.34		3367	
	noble metal	silver	7440-22-4	0.328	3.00	3.37	29963	33667
*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.
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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 does not use any exemption.

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