



## Material Content Data Sheet



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	zinc 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:

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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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