



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IRLML2803TRPBF	<b>Issued</b>	14. February 2022
<b>MA#</b>	MA005621093		
<b>Package</b>	PG-SOT23-3-901	<b>Weight*</b>	10.86 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	3.68	3.68	36795	36795
leadframe	inorganic material	phosphorus	7723-14-0	0.001	0.01		107	
	non noble metal	zinc	7440-66-6	0.005	0.04		426	
	non noble metal	iron	7439-89-6	0.093	0.85		8528	
	non noble metal	copper	7440-50-8	3.761	34.63	35.53	346269	355330
wire	non noble metal	copper	7440-50-8	0.042	0.39	0.39	3859	3859
encapsulation	organic material	carbon black	1333-86-4	0.012	0.11		1115	
	inorganic material	zinc oxide	1314-13-2	0.061	0.56		5574	
	plastics	epoxy resin	-	0.605	5.57		55742	
	inorganic material	silica	-	5.377	49.49	55.73	494985	557416
leadfinish	non noble metal	tin	7440-31-5	0.115	1.06	1.06	10572	10572
plating	noble metal	silver	7440-22-4	0.121	1.12	1.12	11170	11170
glue	plastics	epoxy resin	-	0.081	0.75		7457	
	noble metal	silver	7440-22-4	0.189	1.74	2.49	17401	24858
*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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