



Material Content Data Sheet



Halogen-Free

Sales Product Name	IRS21814STRPBF	Issued	09. February 2022
MA#	MA005585074		
Package	PG-DSO-14-903	Weight*	142.86 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	5.114	3.58	3.58	35799	35799
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		120	
	non noble metal	zinc	7440-66-6	0.069	0.05		480	
	non noble metal	iron	7439-89-6	1.372	0.96		9603	
	non noble metal	copper	7440-50-8	55.701	38.99	40.01	389910	400113
wire	non noble metal	copper	7440-50-8	0.149	0.10	0.10	1040	1040
encapsulation	organic material	carbon black	1333-86-4	0.224	0.16		1566	
	plastics	epoxy resin	-	7.232	5.06		50627	
	inorganic material	silicondioxide	60676-86-0	67.103	46.98	52.20	469731	521924
leadfinish	non noble metal	tin	7440-31-5	1.595	1.12	1.12	11164	11164
plating	noble metal	silver	7440-22-4	0.228	0.16	0.16	1593	1593
glue	plastics	maleimide resin	-	0.689	0.48		4822	
	noble metal	silver	7440-22-4	3.364	2.35	2.83	23545	28367
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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