



Material Content Data Sheet



Halogen-Free

Sales Product Name IPI70R950CE

Issued

05. April 2021

MA# MA001809710

Package PG-TO262-3-22

Weight*

1562.73 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	2.509	0.16	0.16	1606	1606
leadframe	inorganic material	phosphorus	7723-14-0	0.255	0.02		163	
	non noble metal	iron	7439-89-6	0.851	0.05		544	
	non noble metal	copper	7440-50-8	849.682	54.38	54.45	543717	544424
wire	non noble metal	aluminium	7429-90-5	0.692	0.04	0.04	443	443
encapsulation	organic material	carbon black	1333-86-4	2.335	0.15		1494	
	plastics	epoxy resin	-	67.717	4.33		43333	
	inorganic material	silicondioxide	60676-86-0	513.716	32.87	37.35	328730	373557
leadfinish	non noble metal	tin	7440-31-5	15.198	0.97	0.97	9725	9725
plating	non noble metal	nickel	7440-02-0	1.651	0.11	0.11	1056	1056
solder	non noble metal	antimony	7440-36-0	0.178	0.01		114	
	noble metal	silver	7440-22-4	0.444	0.03		284	
	non noble metal	tin	7440-31-5	1.155	0.07	0.11	739	1137
heatspreader	inorganic material	phosphorus	7723-14-0	0.032			20	
	non noble metal	iron	7439-89-6	0.106	0.01		68	
	non noble metal	copper	7440-50-8	106.210	6.80	6.81	67964	68052
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

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