



Material Content Data Sheet



Halogen-Free

Sales Product Name	SPP08N80C3	Issued	25. June 2021
MA#	MA005564599		
Package	PG-TO220-3-321	Weight*	1925.36 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	6.828	0.35	0.35	3546	3546
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		227	
	non noble metal	iron	7439-89-6	1.455	0.08		756	
	non noble metal	copper	7440-50-8	1,452.764	75.44	75.54	754541	755524
wire	non noble metal	aluminium	7429-90-5	3.190	0.17	0.17	1657	1657
encapsulation	organic material	carbon black	1333-86-4	2.248	0.12		1168	
	inorganic material	zinc borate	-	42.716	2.22		22186	
	plastics	epoxy resin	-	89.929	4.67		46707	
	inorganic material	silicondioxide	60676-86-0	314.750	16.35	23.36	163476	233537
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3917	3917
solder	non noble metal	antimony	7440-36-0	0.350	0.02		182	
	noble metal	silver	7440-22-4	0.875	0.05		455	
	non noble metal	tin	7440-31-5	2.276	0.12	0.19	1182	1819
*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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