

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SPP24N60C3	**Issued**	25. June 2021
MA#	MA005564019		
Package	PG-TO220-3-321	**Weight***	1928.58 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	14.004	0.73	0.73	7261	7261
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		226	
	non noble metal	iron	7439-89-6	1.455	0.08		754	
	non noble metal	copper	7440-50-8	1,452.764	75.33	75.43	753280	754260
wire	non noble metal	aluminium	7429-90-5	3.247	0.17	0.17	1684	1684
encapsulation	organic material	carbon black	1333-86-4	2.216	0.11		1149	
	inorganic material	zinc borate	-	42.099	2.18		21829	
	plastics	epoxy resin	-	88.629	4.60		45955	
	inorganic material	silicondioxide	60676-86-0	310.201	16.08	22.97	160844	229777
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3911	3911
solder	non noble metal	antimony	7440-36-0	0.599	0.03		311	
	noble metal	silver	7440-22-4	1.498	0.08		777	
	non noble metal	tin	7440-31-5	3.895	0.20	0.31	2019	3107
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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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