

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SPP08P06P H	**Issued**	01. May 2021
MA#	MA000669310		
Package	PG-TO220-3-1	**Weight***	2029.56 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	1.145	0.06	0.06	564	564
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	iron	7439-89-6	0.816	0.04		402	
	non noble metal	copper	7440-50-8	815.335	40.19	40.24	401729	402252
wire	non noble metal	aluminium	7429-90-5	0.862	0.04	0.04	425	425
encapsulation	organic material	carbon black	1333-86-4	5.983	0.29		2948	
	plastics	epoxy resin	-	113.680	5.60		56012	
	inorganic material	silicondioxide	60676-86-0	478.652	23.58	29.47	235839	294799
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10575	10575
plating	inorganic material	phosphorus	7723-14-0	0.001			1	
	non noble metal	nickel	7440-02-0	0.244	0.01	0.01	120	121
solder	non noble metal	antimony	7440-36-0	0.091			45	
	noble metal	silver	7440-22-4	0.227	0.01		112	
	non noble metal	tin	7440-31-5	0.589	0.03	0.04	290	447
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		291	
	non noble metal	copper	7440-50-8	589.466	29.04	29.08	290439	290817
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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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