



Material Content Data Sheet



Sales Product Name				SPP08P06P H		Issued		20. July 2018	
MA#				MA000669310					
Package				PG-TO220-3-1		Weight*		2030.11 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	non noble metal	iron	7439-89-6	0.816	0.04		402		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121		
	non noble metal	copper	7440-50-8	815.335	40.16	40.21	401619	402143	
wire	non noble metal	aluminium	7429-90-5	6.927	0.34	0.34	3412	3412	
encapsulation	organic material	carbon black	1333-86-4	5.928	0.29		2920		
	plastics	epoxy resin	-	112.632	5.55		55481		
	inorganic material	silicondioxide	60676-86-0	474.239	23.36	29.20	233602	292003	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10572	10572	
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	120	
solder	non noble metal	antimony	7440-36-0	0.091	0.00		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	non noble metal	iron	7439-89-6	0.590	0.03		291		
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	copper	7440-50-8	589.466	29.04	29.08	290361	290739	
*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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