

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKP06N60T	**Issued**	08. April 2022
MA#	MA005709914		
Package	PG-TO220-3-1	**Weight***	2030.06 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	0.812	0.04	0.04	400	400
chip_2	inorganic material	silicon	7440-21-3	0.447	0.02	0.02	220	220
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	40.16	40.21	401631	402154
wire	non noble metal	aluminium	7429-90-5	1.995	0.10	0.10	983	983
encapsulation	organic material	carbon black	1333-86-4	5.974	0.29		2943	
	plastics	epoxy resin	-	113.500	5.59		55910	
	inorganic material	silicondioxide	60676-86-0	477.894	23.54	29.42	235409	294262
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10572	10572
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	0.110	0.01		54	
	noble metal	silver	7440-22-4	0.275	0.01		135	
	non noble metal	tin	7440-31-5	0.714	0.04	0.06	352	541
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	290369	290747
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com