

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IKQB120N75CP2	**Issued**	12. May 2023
MA#	MA005707918		
Package	PG-TO247-3-51	**Weight***	6423.37 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	10.072	0.157	0.157	1568	1568
chip_2	inorganic material	silicon	7440-21-3	5.026	0.078	0.078	782	782
leadframe	inorganic material	phosphorus	7723-14-0	1.288	0.020	66.843	201	668435
	non noble metal	iron	7439-89-6	4.294	0.067		668	
	non noble metal	copper	7440-50-8	4,288.022	66.757		667566	
wire	non noble metal	aluminium	7429-90-5	30.600	0.476	0.476	4764	4764
encapsulation	inorganic material	zincoxide	1314-13-2	20.504	0.319	31.921	3192	319213
	miscellaneous	miscellaneous	-	82.017	1.277		12769	
	plastics	epoxy resin	-	307.563	4.788		47882	
	inorganic material	silicondioxide	60676-86-0	1,640.336	25.537		255370	
leadfinish	non noble metal	tin	7440-31-5	15.175	0.236	0.236	2363	2363
plating	inorganic material	phosphorus	7723-14-0	0.009	0.000	0.061	1	611
	non noble metal	nickel	7440-02-0	3.916	0.061		610	
solder	non noble metal	tin	7440-31-5	0.291	0.005	0.227	45	2265
	noble metal	silver	7440-22-4	0.364	0.006		57	
	non noble metal	lead	7439-92-1	13.894	0.216		2163	
*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.
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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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