

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	AIKB15N65DH5	**Issued**	08. April 2022
MA#	MA005711861		
Package	PG-TO263-3-2	**Weight***	1558.87 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	1.067	0.07	0.07	684	684
chip_2	inorganic material	silicon	7440-21-3	0.592	0.04	0.04	380	380
leadframe	inorganic material	phosphorus	7723-14-0	0.091	0.01		59	
	non noble metal	iron	7439-89-6	0.304	0.02		195	
	non noble metal	copper	7440-50-8	304.026	19.50	19.53	195030	195284
wire	non noble metal	aluminium	7429-90-5	6.164	0.40	0.40	3954	3954
encapsulation	inorganic material	zincoxide	1314-13-2	6.862	0.44		4402	
	miscellaneous	miscellaneous	-	27.449	1.76		17608	
	plastics	epoxy resin	-	102.935	6.60		66032	
	inorganic material	silicondioxide	60676-86-0	548.986	35.22	44.02	352168	440210
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6195	6195
plating	inorganic material	phosphorus	7723-14-0	0.001			1	
	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	147	148
solder	non noble metal	tin	7440-31-5	0.043			27	
	noble metal	silver	7440-22-4	0.053			34	
	non noble metal	lead	7439-92-1	2.033	0.13	0.13	1304	1365
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		106	
	non noble metal	iron	7439-89-6	0.548	0.04		352	
	non noble metal	copper	7440-50-8	547.666	35.13	35.18	351322	351780
*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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