

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IM73A135V01	**Issued**	08. April 2022
MA#	MA005561245		
Package	PG-LLGA-5-2	**Weight***	29.02 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	0.160	0.55	0.55	5507	5507
chip_2	inorganic material	silicon	7440-21-3	2.693	9.28	9.28	92805	92805
wire	noble metal	gold	7440-57-5	0.034	0.12	0.12	1158	1158
encapsulation	inorganic material	silicondioxide	60676-86-0	0.014	0.05		497	
	plastics	silicone resin	-	0.130	0.45	0.50	4473	4970
leadfinish	noble metal	gold	7440-57-5	0.164	0.57		5665	
	non noble metal	nickel	7440-02-0	0.188	0.65	1.22	6461	12126
plating	noble metal	gold	7440-57-5	0.170	0.59		5856	
	non noble metal	nickel	7440-02-0	0.194	0.67	1.26	6678	12534
solder	non noble metal	antimony	7440-36-0	0.014	0.05		498	
	non noble metal	tin	7440-31-5	0.130	0.45	0.50	4479	4977
lid	non noble metal	zinc	7440-66-6	5.866	20.21		202128	
	non noble metal	copper	7440-50-8	10.895	37.51	57.72	375381	577509
glue	organic material	carbon black	1333-86-4	0.000			5	
	inorganic material	silicondioxide	60676-86-0	0.012	0.04		404	
	plastics	silicone	-	0.018	0.06		613	
	organic material	dimethyl siloxane	67762-90-7	0.025	0.09		873	
	organic material	oxirane	3101-60-8	0.025	0.09		873	
	organic material	dicyandiamide	461-58-5	0.127	0.44		4366	
	plastics	epoxy resin	-	0.329	1.14	1.86	11352	18486
solder resists	plastics	epoxy resin	-	0.111	0.38		3810	
	inorganic material	bariumsulfate	7727-43-7	0.170	0.58		5846	
	plastics	acrylic resin	-	0.196	0.68	1.64	6766	16422
substrate metal	non noble metal	copper	7440-50-8	3.771	12.99	12.99	129943	129943
substrate plastic	plastics	bismaleimide triazine resin	-	0.897	3.09		30891	
	inorganic material	aluminiumhydroxide	21645-51-2	0.986	3.40		33980	
	inorganic material	glass fibre	-	1.703	5.87	12.36	58692	123563
*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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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 does not use any exemption.

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