



Material Content Data Sheet



Halogen-Free

Sales Product Name	IM67D130A	Issued	26. June 2021
MA#	MA005576429		
Package	PG-LLGA-5-4	Weight*	31.32 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	3.365	10.74	10.74	107425	107425
chip_2	inorganic material	silicon	7440-21-3	0.299	0.95	0.95	9542	9542
wire	noble metal	gold	7440-57-5	0.321	1.03	1.03	10256	10256
encapsulation	inorganic material	silicondioxide	60676-86-0	0.036	0.11		1146	
	plastics	silicone resin	-	0.323	1.03	1.14	10311	11457
leadfinish	noble metal	gold	7440-57-5	0.121	0.39		3856	
	non noble metal	nickel	7440-02-0	0.138	0.44	0.83	4398	8254
plating	noble metal	gold	7440-57-5	0.054	0.17		1726	
	non noble metal	nickel	7440-02-0	0.062	0.20	0.37	1969	3695
solder	non noble metal	antimony	7440-36-0	0.015	0.05		494	
	non noble metal	tin	7440-31-5	0.139	0.44	0.49	4447	4941
lid	non noble metal	zinc	7440-66-6	5.866	18.73		187305	
	non noble metal	copper	7440-50-8	10.895	34.79	53.52	347851	535156
glue	organic material	oxirane	3101-60-8	0.002	0.01		79	
	organic material	dimethyl siloxane	67762-90-7	0.002	0.01		79	
	organic material	carbon black	1333-86-4	0.003	0.01		91	
	organic material	dicyandiamide	461-58-5	0.012	0.04		396	
	plastics	epoxy resin	-	0.032	0.10		1029	
	inorganic material	silicondioxide	60676-86-0	0.224	0.72		7157	
	plastics	silicone	-	0.340	1.09	1.98	10871	19702
solder resists	plastics	epoxy resin	-	0.119	0.38		3792	
	inorganic material	bariumsulfate	7727-43-7	0.182	0.58		5819	
	plastics	acrylic resin	-	0.211	0.67	1.63	6734	16345
substrate metal	non noble metal	copper	7440-50-8	5.213	16.64	16.64	166431	166431
substrate plastic	plastics	bismaleimide triazine resin	-	0.836	2.67		26699	
	inorganic material	aluminiumhydroxide	21645-51-2	0.920	2.94		29369	
	inorganic material	glass fibre	-	1.589	5.07	10.68	50728	106796
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

- 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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