

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IM69D120V01	**Issued**	08. April 2021
MA#	MA005285756		
Package	PG-LLGA-5-1	**Weight***	33.72 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	0.299	0.89	0.89	8862	8862
chip_2	inorganic material	silicon	7440-21-3	3.365	9.98	9.98	99769	99769
wire	noble metal	gold	7440-57-5	0.033	0.10	0.10	993	993
encapsulation	inorganic material	silicondioxide	60676-86-0	0.284	0.84		8409	
	plastics	silicone resin	-	2.552	7.57	8.41	75677	84086
leadfinish	noble metal	gold	7440-57-5	0.124	0.37		3688	
	non noble metal	nickel	7440-02-0	0.142	0.42	0.79	4206	7894
substrate	plastics	bismaleimide triazine resin	-	0.865	2.56		25650	
	inorganic material	aluminiumhydroxide	21645-51-2	0.952	2.82		28215	
	inorganic material	glass fibre	-	1.644	4.87		48735	
	non noble metal	copper	7440-50-8	5.010	14.86	25.11	148565	251165
lid attach material	non noble metal	copper	7440-50-8	0.001			23	
	noble metal	silver	7440-22-4	0.005	0.01		138	
	non noble metal	tin	7440-31-5	0.150	0.45	0.46	4451	4612
lid	non noble metal	zinc	7440-66-6	5.868	17.40		173994	
	non noble metal	copper	7440-50-8	10.897	32.32	49.72	323133	497127
glue	organic material	carbon black	1333-86-4	0.003	0.01		84	
	inorganic material	silicondioxide	60676-86-0	0.224	0.66		6647	
	plastics	silicone	-	0.340	1.01	1.68	10096	16827
tape	plastics	acryl-epoxy resin	-	0.017	0.05	0.05	502	502
solder resists	plastics	epoxy resin	-	0.220	0.65		6534	
	inorganic material	bariumsulfate	7727-43-7	0.338	1.00		10026	
	plastics	acrylic resin	-	0.391	1.16	2.81	11603	28163
*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.
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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.

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