



Material Content Data Sheet



Sales Product Name				IM69D120V01		Issued		4. July 2019	
MA#				MA003143882					
Package				PG-LLGA-5-1		Weight*		34.06 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	0.88	0.88	8774	8774	
chip_2	inorganic material	silicon	7440-21-3	3.365	9.88	9.88	98785	98785	
wire	noble metal	gold	7440-57-5	0.033	0.10	0.10	983	983	
encapsulation	inorganic material	silicondioxide	60676-86-0	0.041	0.12		1191		
	plastics	silicone resin	-	0.365	1.07	1.19	10716	11907	
leadfinish	noble metal	gold	7440-57-5	0.124	0.37		3652		
	non noble metal	nickel	7440-02-0	0.142	0.42	0.79	4165	7817	
substrate	plastics	bismaleimide triazine resin	-	0.865	2.54		25397		
	inorganic material	aluminiumhydroxide	21645-51-2	0.952	2.79		27937		
	inorganic material	glass fibre	-	1.644	4.83		48255		
	non noble metal	copper	7440-50-8	5.010	14.71	24.87	147101	248690	
solder	non noble metal	copper	7440-50-8	0.017	0.05		511		
	noble metal	silver	7440-22-4	0.104	0.31		3066		
	non noble metal	tin	7440-31-5	3.359	9.86	10.22	98611	102188	
lid attach material	organic material	carbon black	1333-86-4	0.000	0.00		4		
	inorganic material	silicondioxide	60676-86-0	0.010	0.03		294		
	plastics	silicone	-	0.015	0.04	0.07	447	745	
lid	non noble metal	zinc	7440-66-6	5.868	17.23		172279		
	non noble metal	copper	7440-50-8	10.897	31.98	49.21	319947	492226	
solder resists	plastics	epoxy resin	-	0.220	0.65		6469		
	inorganic material	bariumsulfate	7727-43-7	0.338	0.99		9927		
	plastics	acrylic resin	-	0.391	1.15	2.79	11489	27885	
*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 does not use any exemption

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