

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICL5102HV	**Issued**	14. May 2021
MA#	MA003277934		
Package	PG-DSO-19-5	**Weight***	581.02 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	0.615	0.11	0.11	1058	1058
chip_2	inorganic material	silicon	7440-21-3	2.151	0.37	0.37	3703	3703
leadframe	inorganic material	phosphorus	7723-14-0	0.040	0.01		69	
	non noble metal	zinc	7440-66-6	0.160	0.03		275	
	non noble metal	iron	7439-89-6	3.200	0.55		5507	
	non noble metal	copper	7440-50-8	129.929	22.36	22.95	223622	229473
wire	noble metal	gold	7440-57-5	0.406	0.07	0.07	698	698
encapsulation	organic material	carbon black	1333-86-4	1.320	0.23		2272	
	plastics	epoxy resin	-	42.683	7.35		73462	
	inorganic material	silicondioxide	60676-86-0	396.030	68.16	75.74	681607	757341
leadfinish	non noble metal	tin	7440-31-5	3.337	0.57	0.57	5743	5743
plating	noble metal	silver	7440-22-4	0.174	0.03	0.03	299	299
glue	plastics	acrylic resin	-	0.196	0.03		337	
	noble metal	silver	7440-22-4	0.783	0.13	0.16	1348	1685
*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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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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