



Material Content Data Sheet



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.
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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com