

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPL65R195C7	**Issued**	13. May 2021
MA#	MA002182500		
Package	PG-VSON-4-1	**Weight***	188.05 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	4.186	2.23	2.23	22258	22258
leadframe	inorganic material	phosphorus	7723-14-0	0.020	0.01		108	
	non noble metal	zinc	7440-66-6	0.081	0.04		430	
	non noble metal	iron	7439-89-6	1.619	0.86		8607	
	non noble metal	copper	7440-50-8	65.718	34.95	35.86	349473	358618
wire	non noble metal	copper	7440-50-8	0.965	0.51	0.51	5134	5134
encapsulation	organic material	carbon black	1333-86-4	0.218	0.12		1162	
	plastics	epoxy resin	-	11.250	5.98		59826	
	inorganic material	silicondioxide	60676-86-0	97.756	51.99	58.09	519847	580835
leadfinish	non noble metal	tin	7440-31-5	2.397	1.27	1.27	12749	12749
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1340	1340
solder	non noble metal	tin	7440-31-5	0.072	0.04		381	
	noble metal	silver	7440-22-4	0.090	0.05		477	
	non noble metal	lead	7439-92-1	3.424	1.82	1.91	18208	19066
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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