

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPL65R099C7	**Issued**	13. May 2021
MA#	MA002198170		
Package	PG-VSON-4-1	**Weight***	190.53 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	7.800	4.09	4.09	40937	40937
leadframe	inorganic material	phosphorus	7723-14-0	0.020	0.01		106	
	non noble metal	zinc	7440-66-6	0.081	0.04		425	
	non noble metal	iron	7439-89-6	1.619	0.85		8495	
	non noble metal	copper	7440-50-8	65.718	34.49	35.39	344919	353945
wire	non noble metal	copper	7440-50-8	1.461	0.77	0.77	7667	7667
encapsulation	organic material	carbon black	1333-86-4	0.211	0.11		1109	
	plastics	epoxy resin	-	10.879	5.71		57100	
	inorganic material	silicondioxide	60676-86-0	94.535	49.62	55.44	496163	554372
leadfinish	non noble metal	tin	7440-31-5	2.397	1.26	1.26	12583	12583
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1323	1323
solder	non noble metal	tin	7440-31-5	0.111	0.06		583	
	noble metal	silver	7440-22-4	0.139	0.07		729	
	non noble metal	lead	7439-92-1	5.308	2.79	2.92	27861	29173
*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.

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