

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPL65R340CFD	**Issued**	31. March 2021
MA#	MA001068886		
Package	PG-VSON-4-1	**Weight***	189.12 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	6.035	3.19	3.19	31912	31912
leadframe	inorganic material	phosphorus	7723-14-0	0.020	0.01		107	
	non noble metal	zinc	7440-66-6	0.081	0.04		428	
	non noble metal	iron	7439-89-6	1.619	0.86		8558	
	non noble metal	copper	7440-50-8	65.718	34.75	35.66	347496	356589
wire	non noble metal	copper	7440-50-8	0.926	0.49	0.49	4895	4895
encapsulation	organic material	carbon black	1333-86-4	0.215	0.11		1136	
	plastics	epoxy resin	-	11.067	5.85		58517	
	inorganic material	silicondioxide	60676-86-0	96.162	50.85	56.81	508472	568125
leadfinish	non noble metal	tin	7440-31-5	2.397	1.27	1.27	12677	12677
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1332	1332
solder	non noble metal	tin	7440-31-5	0.093	0.05		489	
	noble metal	silver	7440-22-4	0.116	0.06		612	
	non noble metal	lead	7439-92-1	4.419	2.34	2.45	23369	24470
*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