

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPL65R070C7	**Issued**	12. April 2021
MA#	MA002172794		
Package	PG-VSON-4-1	**Weight***	192.57 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	10.944	5.68	5.68	56831	56831
leadframe	inorganic material	phosphorus	7723-14-0	0.020	0.01		105	
	non noble metal	zinc	7440-66-6	0.081	0.04		420	
	non noble metal	iron	7439-89-6	1.619	0.84		8405	
	non noble metal	copper	7440-50-8	65.718	34.13	35.02	341266	350196
wire	non noble metal	copper	7440-50-8	1.830	0.95	0.95	9504	9504
encapsulation	organic material	carbon black	1333-86-4	0.205	0.11		1065	
	plastics	epoxy resin	-	10.560	5.48		54836	
	inorganic material	silicondioxide	60676-86-0	91.759	47.66	53.25	476492	532393
leadfinish	non noble metal	tin	7440-31-5	2.397	1.25	1.25	12450	12450
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1309	1309
solder	non noble metal	tin	7440-31-5	0.144	0.07		746	
	noble metal	silver	7440-22-4	0.180	0.09		933	
	non noble metal	lead	7439-92-1	6.863	3.56	3.72	35638	37317
*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