

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPL60R365P7	**Issued**	08. April 2022
MA#	MA005711079		
Package	PG-VSON-4-1	**Weight***	186.88 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	2.321	1.24	1.24	12418	12418
leadframe	inorganic material	phosphorus	7723-14-0	0.020	0.01		108	
	non noble metal	zinc	7440-66-6	0.081	0.04		433	
	non noble metal	iron	7439-89-6	1.619	0.87		8661	
	non noble metal	copper	7440-50-8	65.718	35.17	36.09	351661	360863
wire	non noble metal	copper	7440-50-8	1.029	0.55	0.55	5506	5506
encapsulation	organic material	carbon black	1333-86-4	0.222	0.12		1188	
	plastics	epoxy resin	-	11.437	6.12		61201	
	inorganic material	silicondioxide	60676-86-0	99.381	53.18	59.42	531790	594179
leadfinish	non noble metal	tin	7440-31-5	2.397	1.28	1.28	12829	12829
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1348	1348
solder	non noble metal	tin	7440-31-5	0.048	0.03		257	
	noble metal	silver	7440-22-4	0.060	0.03		321	
	non noble metal	lead	7439-92-1	2.295	1.23	1.29	12279	12857
*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