

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPL60R115CFD7	**Issued**	2. August 2018
MA#	MA001716306		
Package	PG-VSON-4-1	**Weight***	189.87 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	6.351	3.34	3.34	33449	33449
leadframe	inorganic material	phosphorus	7723-14-0	0.020	0.01		107	
	non noble metal	zinc	7440-66-6	0.081	0.04		426	
	non noble metal	iron	7439-89-6	1.619	0.85		8524	
	non noble metal	copper	7440-50-8	65.718	34.61	35.51	346117	355174
wire	non noble metal	copper	7440-50-8	1.680	0.88	0.88	8848	8848
encapsulation	organic material	carbon black	1333-86-4	0.214	0.11		1127	
	plastics	epoxy resin	-	11.018	5.80		58028	
	inorganic material	silicondioxide	60676-86-0	95.739	50.45	56.36	504228	563383
leadfinish	non noble metal	tin	7440-31-5	2.397	1.26	1.26	12627	12627
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1327	1327
solder	non noble metal	tin	7440-31-5	0.096	0.05		504	
	noble metal	silver	7440-22-4	0.120	0.06		630	
	non noble metal	lead	7439-92-1	4.568	2.41	2.52	24058	25192
*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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