

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPL60R185C7	**Issued**	24. February 2022
MA#	MA005708696		
Package	PG-VSON-4-1	**Weight***	187.90 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	3.951	2.10	2.10	21028	21028
leadframe	inorganic material	phosphorus	7723-14-0	0.020	0.01		108	
	non noble metal	zinc	7440-66-6	0.081	0.04		431	
	non noble metal	iron	7439-89-6	1.619	0.86		8614	
	non noble metal	copper	7440-50-8	65.718	34.98	35.89	349751	358904
wire	non noble metal	copper	7440-50-8	0.968	0.51	0.51	5149	5149
encapsulation	organic material	carbon black	1333-86-4	0.219	0.12		1165	
	plastics	epoxy resin	-	11.274	6.00		59999	
	inorganic material	silicondioxide	60676-86-0	97.961	52.13	58.25	521351	582515
leadfinish	non noble metal	tin	7440-31-5	2.397	1.28	1.28	12759	12759
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1341	1341
solder	non noble metal	tin	7440-31-5	0.069	0.04		366	
	noble metal	silver	7440-22-4	0.086	0.05		458	
	non noble metal	lead	7439-92-1	3.284	1.75	1.84	17480	18304
*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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