



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPL65R130CFD7	Issued	09. February 2022
MA#	MA005561228		
Package	PG-VSON-4-1	Weight*	189.76 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	5.864	3.09	3.09	30900	30900
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		8529	
	non noble metal	copper	7440-50-8	65.718	34.63	35.53	346323	355385
wire	non noble metal	copper	7440-50-8	1.889	1.00	1.00	9957	9957
encapsulation	organic material	carbon black	1333-86-4	0.215	0.11		1132	
	plastics	epoxy resin	-	11.061	5.83		58291	
	inorganic material	silicondioxide	60676-86-0	96.116	50.66	56.60	506512	565935
leadfinish	non noble metal	tin	7440-31-5	2.397	1.26	1.26	12634	12634
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1328	1328
solder	non noble metal	tin	7440-31-5	0.091	0.05		477	
	noble metal	silver	7440-22-4	0.113	0.06		597	
	non noble metal	lead	7439-92-1	4.324	2.28	2.39	22787	23861
*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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