



Material Content Data Sheet



Sales Product Name		IPL65R070C7		Issued		20. July 2018		
MA#		MA001069844						
Package		PG-VSON-4-1		Weight*		192.55 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	56836	56836
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		8406	
wire	non noble metal	copper	7440-50-8	65.718	34.13	35.02	341299	350230
	non noble metal	copper	7440-50-8	1.806	0.94	0.94	9380	9380
	encapsulation	organic material	carbon black	1333-86-4	0.205	0.11		1065
	plastics	epoxy resin	-	10.560	5.48		54845	
	inorganic material	silicondioxide	60676-86-0	91.763	47.67	53.26	476563	532473
leadfinish	non noble metal	tin	7440-31-5	2.397	1.25	1.25	12451	12451
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1309	1309
solder	noble metal	silver	7440-22-4	0.180	0.09		933	
	non noble metal	tin	7440-31-5	0.144	0.07		746	
	non noble metal	lead	7439-92-1	6.863	3.56	3.72	35642	37321
*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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