



Material Content Data Sheet



Sales Product Name		IPL60R185CFD7		Issued		1. August 2018			
MA#		MA001691056							
Package		PG-VSON-4-1		Weight*		188.35 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	4.363	2.32	2.32	23164	23164	
leadframe	inorganic material	phosphorus	7723-14-0	0.020	0.01		107		
	non noble metal	zinc	7440-66-6	0.081	0.04		430		
	non noble metal	iron	7439-89-6	1.619	0.86		8593		
wire	non noble metal	copper	7440-50-8	65.718	34.89	35.80	348908	358038	
	non noble metal	copper	7440-50-8	1.228	0.65	0.65	6519	6519	
	encapsulation	organic material	carbon black	1333-86-4	0.218	0.12		1157	
plastics	plastics	epoxy resin	-	11.226	5.96		59603		
	inorganic material	silicondioxide	60676-86-0	97.550	51.79	57.87	517911	578671	
leadfinish	non noble metal	tin	7440-31-5	2.397	1.27	1.27	12729	12729	
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1338	1338	
solder	non noble metal	tin	7440-31-5	0.074	0.04		391		
	noble metal	silver	7440-22-4	0.092	0.05		489		
	non noble metal	lead	7439-92-1	3.515	1.87	1.96	18661	19541	
*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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