



Material Content Data Sheet



Sales Product Name		IPL60R085P7		Issued		1. August 2018			
MA#		MA001663536							
Package		PG-VSON-4-1		Weight*		190.79 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	7.931	4.16	4.16	41566	41566	
leadframe	inorganic material	phosphorus	7723-14-0	0.020	0.01		106		
		non noble metal	zinc	7440-66-6	0.081	0.04		424	
		non noble metal	iron	7439-89-6	1.619	0.85		8483	
wire	non noble metal	non noble metal	copper	7440-50-8	65.718	34.44	35.34	344449	353462
		non noble metal	copper	7440-50-8	1.724	0.90	0.90	9038	9038
		encapsulation	organic material	carbon black	1333-86-4	0.211	0.11		1105
encapsulation	plastics	plastics	epoxy resin	-	10.861	5.69		56924	
		inorganic material	silicondioxide	60676-86-0	94.372	49.47	55.27	494635	552664
		leadfinish	non noble metal	tin	7440-31-5	2.397	1.26	1.26	12566
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1321	1321	
solder	non noble metal	tin	7440-31-5	0.112	0.06		588		
		noble metal	silver	7440-22-4	0.140	0.07		735	
		non noble metal	lead	7439-92-1	5.354	2.81	2.94	28060	29383
*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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