



Material Content Data Sheet



Sales Product Name		IPL60R180P6		Issued		4. July 2019			
MA#		MA003986164							
Package		PG-VSON-4-1		Weight*		191.66 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	9.747	5.09	5.09	50858	50858	
leadframe	inorganic material	phosphorus	7723-14-0	0.020	0.01		106		
		non noble metal	zinc	7440-66-6	0.081	0.04		422	
		non noble metal	iron	7439-89-6	1.619	0.84		8445	
wire	non noble metal	non noble metal	copper	7440-50-8	65.718	34.29	35.18	342888	351861
		non noble metal	copper	7440-50-8	1.526	0.80	0.80	7964	7964
		encapsulation	organic material	carbon black	1333-86-4	0.207	0.11		1083
	plastics	epoxy resin	-	10.686	5.58		55752		
		inorganic material	silicondioxide	60676-86-0	92.850	48.43	54.12	484450	541285
leadfinish	non noble metal	tin	7440-31-5	2.397	1.25	1.25	12509	12509	
plating	noble metal	silver	7440-22-4	0.252	0.13	0.13	1315	1315	
solder	non noble metal	tin	7440-31-5	0.131	0.07		684		
		noble metal	silver	7440-22-4	0.164	0.09		855	
		non noble metal	lead	7439-92-1	6.261	3.27	3.43	32669	34208
*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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