



Material Content Data Sheet



Sales Product Name		IPL60R2K1C6S		Issued		19. July 2018		
MA#		MA001230236						
Package		PG-TSON-8-2		Weight*		91.38 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	1.272	1.39	1.39	13916	13916
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		112	
	non noble metal	zinc	7440-66-6	0.041	0.04		448	
	non noble metal	iron	7439-89-6	0.818	0.90		8953	
wire	non noble metal	copper	7440-50-8	33.217	36.35	37.30	363515	373028
	non noble metal	copper	7440-50-8	0.397	0.43	0.43	4340	4340
	encapsulation	organic material	carbon black	1333-86-4	0.105	0.12		1154
	plastics	epoxy resin	-	5.429	5.94		59411	
		inorganic material	silicondioxide	60676-86-0	47.172	51.62	57.68	516239
leadfinish	non noble metal	tin	7440-31-5	1.053	1.15	1.15	11525	11525
plating	noble metal	silver	7440-22-4	0.209	0.23	0.23	2283	2283
solder	noble metal	silver	7440-22-4	0.041	0.05		453	
	non noble metal	tin	7440-31-5	0.033	0.04		362	
	non noble metal	lead	7439-92-1	1.580	1.73	1.82	17289	18104
*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.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com