

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPL65R650C6S	**Issued**	24. February 2022
MA#	MA005700331		
Package	PG-TSON-8-2	**Weight***	92.79 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	3.294	3.55	3.55	35500	35500
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		110	
	non noble metal	zinc	7440-66-6	0.041	0.04		441	
	non noble metal	iron	7439-89-6	0.818	0.88		8816	
	non noble metal	copper	7440-50-8	33.217	35.80	36.73	357982	367349
wire	non noble metal	copper	7440-50-8	0.426	0.46	0.46	4593	4593
encapsulation	organic material	carbon black	1333-86-4	0.101	0.11		1093	
	plastics	epoxy resin	-	5.222	5.63		56281	
	inorganic material	silicondioxide	60676-86-0	45.377	48.90	54.64	489039	546413
leadfinish	non noble metal	tin	7440-31-5	1.053	1.14	1.14	11350	11350
plating	noble metal	silver	7440-22-4	0.209	0.22	0.22	2249	2249
solder	non noble metal	tin	7440-31-5	0.060	0.07		651	
	noble metal	silver	7440-22-4	0.075	0.08		814	
	non noble metal	lead	7439-92-1	2.884	3.11	3.26	31081	32546
*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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