

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPL60R650P6S	**Issued**	24. February 2022
MA#	MA005700698		
Package	PG-TSON-8-2	**Weight***	92.65 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	3.063	3.31	3.31	33058	33058
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		8830	
	non noble metal	copper	7440-50-8	33.217	35.85	36.78	358521	367902
wire	non noble metal	copper	7440-50-8	0.436	0.47	0.47	4708	4708
encapsulation	organic material	carbon black	1333-86-4	0.102	0.11		1099	
	plastics	epoxy resin	-	5.245	5.66		56614	
	inorganic material	silicondioxide	60676-86-0	45.577	49.19	54.96	491935	549648
leadfinish	non noble metal	tin	7440-31-5	1.053	1.14	1.14	11367	11367
plating	noble metal	silver	7440-22-4	0.209	0.23	0.23	2252	2252
solder	non noble metal	tin	7440-31-5	0.058	0.06		621	
	noble metal	silver	7440-22-4	0.072	0.08		777	
	non noble metal	lead	7439-92-1	2.749	2.97	3.11	29667	31065
*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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