



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPL65R1K5C6S	Issued	05. May 2021
MA#	MA001230240		
Package	PG-TSON-8-2	Weight*	91.86 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	1.898	2.07	2.07	20658	20658
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		111	
	non noble metal	zinc	7440-66-6	0.041	0.04		445	
	non noble metal	iron	7439-89-6	0.818	0.89		8906	
	non noble metal	copper	7440-50-8	33.217	36.16	37.10	361617	371079
wire	non noble metal	copper	7440-50-8	0.405	0.44	0.44	4412	4412
encapsulation	organic material	carbon black	1333-86-4	0.104	0.11		1134	
	plastics	epoxy resin	-	5.364	5.84		58394	
	inorganic material	silicondioxide	60676-86-0	46.608	50.74	56.69	507405	566933
leadfinish	non noble metal	tin	7440-31-5	1.053	1.15	1.15	11465	11465
plating	noble metal	silver	7440-22-4	0.209	0.23	0.23	2272	2272
solder	non noble metal	tin	7440-31-5	0.043	0.05		464	
	noble metal	silver	7440-22-4	0.053	0.06		580	
	non noble metal	lead	7439-92-1	2.033	2.21	2.32	22137	23181
*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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