



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPLK80R600P7	Issued	09. February 2022
MA#	MA005552148		
Package	PG-TDSON-8-52	Weight*	95.24 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	2.758	2.90	2.90	28955	28955
leadframe	inorganic material	phosphorus	7723-14-0	0.013	0.01		136	
	non noble metal	iron	7439-89-6	0.043	0.05		454	
	non noble metal	copper	7440-50-8	43.219	45.37	45.43	453779	454369
wire	non noble metal	copper	7440-50-8	0.453	0.48	0.48	4758	4758
encapsulation	inorganic material	zinc oxide	1314-13-2	0.445	0.47		4675	
	miscellaneous	miscellaneous	-	1.781	1.87		18702	
	plastics	epoxy resin	-	6.680	7.01		70131	
	inorganic material	silicon dioxide	60676-86-0	35.624	37.40	46.75	374034	467542
lead finish	non noble metal	tin	7440-31-5	1.319	1.38	1.38	13848	13848
plating	noble metal	silver	7440-22-4	0.217	0.23	0.23	2277	2277
solder	non noble metal	tin	7440-31-5	0.054	0.06		565	
	noble metal	silver	7440-22-4	0.067	0.07		706	
	non noble metal	lead	7439-92-1	2.570	2.70	2.83	26980	28251
*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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