



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPLK60R600PFD7	Issued	24. June 2021
MA#	MA005552142		
Package	PG-TDSON-8-52	Weight*	94.43 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	1.669	1.77	1.77	17669	17669
leadframe	inorganic material	phosphorus	7723-14-0	0.013	0.01		137	
	non noble metal	iron	7439-89-6	0.043	0.05		458	
	non noble metal	copper	7440-50-8	43.219	45.77	45.83	457681	458276
wire	non noble metal	copper	7440-50-8	0.436	0.46	0.46	4615	4615
encapsulation	inorganic material	zinc oxide	1314-13-2	0.456	0.48		4825	
	miscellaneous	miscellaneous	-	1.823	1.93		19300	
	plastics	epoxy resin	-	6.834	7.24		72375	
	inorganic material	silicon dioxide	60676-86-0	36.450	38.60	48.25	385999	482499
lead finish	non noble metal	tin	7440-31-5	1.319	1.40	1.40	13967	13967
plating	noble metal	silver	7440-22-4	0.217	0.23	0.23	2296	2296
solder	non noble metal	tin	7440-31-5	0.039	0.04		414	
	noble metal	silver	7440-22-4	0.049	0.05		517	
	non noble metal	lead	7439-92-1	1.865	1.97	2.06	19747	20678
*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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