

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD60R2K0C6	**Issued**	02. June 2021
MA#	MA001704022		
Package	PG-TO252-3-341	**Weight***	387.34 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	1.272	0.33	0.33	3283	3283
leadframe	inorganic material	phosphorus	7723-14-0	0.069	0.02		178	
	non noble metal	iron	7439-89-6	0.229	0.06		592	
	non noble metal	copper	7440-50-8	228.946	59.10	59.18	591072	591842
wire	non noble metal	aluminium	7429-90-5	0.430	0.11	0.11	1111	1111
encapsulation	organic material	carbon black	1333-86-4	0.394	0.10		1017	
	plastics	epoxy resin	-	11.950	3.09		30851	
	inorganic material	silicondioxide	60676-86-0	118.973	30.72	33.91	307152	339020
leadfinish	non noble metal	tin	7440-31-5	3.740	0.97	0.97	9656	9656
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1314	1314
solder	non noble metal	tin	7440-31-5	0.033	0.01		84	
	noble metal	silver	7440-22-4	0.041	0.01		105	
	non noble metal	lead	7439-92-1	1.553	0.40	0.42	4010	4199
heatspreader	inorganic material	phosphorus	7723-14-0	0.006			15	
	non noble metal	iron	7439-89-6	0.019			50	
	non noble metal	copper	7440-50-8	19.177	4.95	4.95	49510	49575
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com