



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPD80R600P7	Issued	12. August 2021
MA#	MA005619582		
Package	PG-TO252-3-341	Weight*	389.05 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	2.570	0.66	0.66	6605	6605
leadframe	inorganic material	phosphorus	7723-14-0	0.075	0.02		192	
	non noble metal	iron	7439-89-6	0.248	0.06		639	
	non noble metal	copper	7440-50-8	248.124	63.78	63.86	637761	638592
wire	non noble metal	aluminium	7429-90-5	1.067	0.27	0.27	2743	2743
encapsulation	organic material	carbon black	1333-86-4	0.391	0.10		1005	
	plastics	epoxy resin	-	11.854	3.05		30470	
	inorganic material	silicondioxide	60676-86-0	118.024	30.34	33.49	303360	334835
leadfinish	non noble metal	tin	7440-31-5	3.740	0.96	0.96	9613	9613
plating	non noble metal	nickel	7440-02-0	0.509	0.13	0.13	1308	1308
solder	non noble metal	tin	7440-31-5	0.049	0.01		126	
	noble metal	silver	7440-22-4	0.061	0.02		158	
	non noble metal	lead	7439-92-1	2.342	0.60	0.63	6020	6304
*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