



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPD65R600E6	Issued	17. April 2021
MA#	MA005425252		
Package	PG-TO252-3-345	Weight*	338.40 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	3.294	0.97	0.97	9734	9734
leadframe	inorganic material	phosphorus	7723-14-0	0.058	0.02		171	
	non noble metal	iron	7439-89-6	0.193	0.06		570	
	non noble metal	copper	7440-50-8	192.629	56.91	56.99	569233	569974
wire	non noble metal	aluminium	7429-90-5	0.492	0.15	0.15	1455	1455
encapsulation	organic material	carbon black	1333-86-4	0.407	0.12		1202	
	plastics	epoxy resin	-	12.343	3.65		36475	
	inorganic material	silicondioxide	60676-86-0	122.889	36.31	40.08	363147	400824
leadfinish	non noble metal	tin	7440-31-5	2.562	0.76	0.76	7571	7571
plating	non noble metal	nickel	7440-02-0	0.565	0.17	0.17	1670	1670
solder	non noble metal	tin	7440-31-5	0.059	0.02		175	
	noble metal	silver	7440-22-4	0.074	0.02		219	
	non noble metal	lead	7439-92-1	2.835	0.84	0.88	8378	8772
*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