

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD65R950C6	**Issued**	18. May 2021
MA#	MA005426455		
Package	PG-TO252-3-345	**Weight***	337.93 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	2.509	0.74	0.74	7425	7425
leadframe	inorganic material	phosphorus	7723-14-0	0.058	0.02		171	
	non noble metal	iron	7439-89-6	0.193	0.06		571	
	non noble metal	copper	7440-50-8	192.629	57.01	57.09	570026	570768
wire	non noble metal	aluminium	7429-90-5	0.455	0.13	0.13	1347	1347
encapsulation	organic material	carbon black	1333-86-4	0.409	0.12		1211	
	plastics	epoxy resin	-	12.416	3.67		36741	
	inorganic material	silicondioxide	60676-86-0	123.614	36.58	40.37	365798	403750
leadfinish	non noble metal	tin	7440-31-5	2.562	0.76	0.76	7582	7582
plating	non noble metal	nickel	7440-02-0	0.565	0.17	0.17	1672	1672
solder	non noble metal	tin	7440-31-5	0.050	0.01		149	
	noble metal	silver	7440-22-4	0.063	0.02		186	
	non noble metal	lead	7439-92-1	2.406	0.71	0.74	7121	7456
*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