

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BDP 948 H6327	**Issued**	1. August 2018
MA#	MA001216704		
Package	PG-SOT223-4-24	**Weight***	107.31 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.011	0.01		103	
	noble metal	gold	7440-57-5	0.043	0.04		399	
	inorganic material	silicon	7440-21-3	0.522	0.49	0.54	4864	5366
leadframe	inorganic material	silicon	7440-21-3	0.009	0.01		79	
	non noble metal	titanium	7440-32-6	0.043	0.04		397	
	non noble metal	chromium	7440-47-3	0.128	0.12		1192	
	non noble metal	copper	7440-50-8	42.459	39.57	39.74	395662	397330
wire	non noble metal	copper	7440-50-8	0.123	0.11	0.11	1143	1143
encapsulation	organic material	carbon black	1333-86-4	0.620	0.58		5779	
	plastics	epoxy resin	-	9.302	8.67		86686	
	inorganic material	silicondioxide	60676-86-0	52.093	48.54	57.79	485444	577909
leadfinish	non noble metal	tin	7440-31-5	1.464	1.36	1.36	13642	13642
plating	noble metal	silver	7440-22-4	0.495	0.46	0.46	4610	4610
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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