

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSS84PW H6327	**Issued**	14. September 2018
MA#	MA002497752		
Package	PG-SOT323-3-3	**Weight***	5.97 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	0.002	0.03		289	
	noble metal	gold	7440-57-5	0.007	0.11		1119	
	inorganic material	silicon	7440-21-3	0.076	1.27	1.41	12686	14094
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		88	
	non noble metal	titanium	7440-32-6	0.003	0.04		440	
	non noble metal	chromium	7440-47-3	0.008	0.13		1321	
	non noble metal	copper	7440-50-8	2.617	43.84	44.02	438414	440263
wire	non noble metal	copper	7440-50-8	0.005	0.09	0.09	852	852
encapsulation	organic material	carbon black	1333-86-4	0.031	0.52		5209	
	plastics	epoxy resin	-	0.668	11.20		111990	
	inorganic material	silicondioxide	60676-86-0	2.410	40.37	52.09	403684	520883
leadfinish	non noble metal	tin	7440-31-5	0.133	2.22	2.22	22231	22231
plating	noble metal	silver	7440-22-4	0.010	0.17	0.17	1677	1677
*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