

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BCX 51-16 H6327	**Issued**	25. March 2021
MA#	MA001211942		
Package	PG-SOT89-4-3	**Weight***	53.17 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	0.004	0.01		83	
	noble metal	gold	7440-57-5	0.017	0.03		322	
	inorganic material	silicon	7440-21-3	0.209	0.39	0.43	3927	4332
leadframe	inorganic material	silicon	7440-21-3	0.005	0.01		95	
	non noble metal	titanium	7440-32-6	0.025	0.05		474	
	non noble metal	chromium	7440-47-3	0.076	0.14		1423	
	non noble metal	copper	7440-50-8	25.112	47.23	47.43	472308	474300
wire	non noble metal	copper	7440-50-8	0.049	0.09	0.09	924	924
encapsulation	organic material	carbon black	1333-86-4	0.268	0.50		5040	
	plastics	epoxy resin	-	4.019	7.56		75599	
	inorganic material	silicondioxide	60676-86-0	22.509	42.34	50.40	423352	503991
leadfinish	non noble metal	tin	7440-31-5	0.801	1.51	1.51	15071	15071
plating	noble metal	silver	7440-22-4	0.073	0.14	0.14	1382	1382
*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 Neubiberg
Internet	www.infineon.com