



Material Content Data Sheet



Sales Product Name		BCV 49 H6327		Issued		1. August 2018		
MA#		MA001219986						
Package		PG-SOT89-4-3		Weight*		53.12 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	0.003	0.01		55	
	noble metal	gold	7440-57-5	0.011	0.02		211	
	inorganic material	silicon	7440-21-3	0.137	0.26	0.29	2579	2845
leadframe	inorganic material	silicon	7440-21-3	0.005	0.01		95	
	non noble metal	titanium	7440-32-6	0.025	0.05		475	
	non noble metal	chromium	7440-47-3	0.076	0.14		1424	
	non noble metal	copper	7440-50-8	25.112	47.26	47.46	472726	474720
wire	non noble metal	copper	7440-50-8	0.012	0.02	0.02	233	233
encapsulation	organic material	carbon black	1333-86-4	0.269	0.51		5057	
	plastics	epoxy resin	-	4.030	7.59		75860	
	inorganic material	silicondioxide	60676-86-0	22.567	42.48	50.58	424817	505734
leadfinish	non noble metal	tin	7440-31-5	0.801	1.51	1.51	15084	15084
plating	noble metal	silver	7440-22-4	0.073	0.14	0.14	1384	1384
*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.
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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 does not use any exemption

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