



Material Content Data Sheet



Sales Product Name	BCV 27 E6327	Issued	28. April 2021
MA#	MA000045722		
Package	PG-SOT23-3-3	Weight*	8.70 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000			19	
	noble metal	gold	7440-57-5	0.016	0.18		1844	
	inorganic material	silicon	7440-21-3	0.137	1.57	1.75	15748	17611
leadframe	non noble metal	nickel	7440-02-0	1.142	13.13		131310	
	non noble metal	iron	7439-89-6	1.578	18.13	31.26	181333	312643
wire	noble metal	gold	7440-57-5	0.016	0.18	0.18	1786	1786
encapsulation	organic material	carbon black	1333-86-4	0.089	1.02		10215	
	inorganic material	antimonytrioxide	1309-64-4	0.133	1.53		15323	
	plastics	brominated resin	-	0.167	1.92		19154	
	plastics	epoxy resin	-	1.389	15.96		159617	
	inorganic material	silicondioxide	60676-86-0	3.777	43.43	63.86	434161	638470
leadfinish	non noble metal	tin	7440-31-5	0.150	1.72	1.72	17200	17200
plating	noble metal	silver	7440-22-4	0.107	1.23	1.23	12290	12290
*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.

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