



Material Content Data Sheet



Sales Product Name	BAV 99S H6327			Issued		23. January 2020			
MA#	MA000845490								
Package	PG-SOT363-6-3			Weight*		6.46 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip_1	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.002	0.03		313		
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2670	2986	
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.002	0.03		313		
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2670	2986	
chip_3	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.002	0.03		313		
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2670	2986	
chip_4	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.002	0.03		313		
	inorganic material	silicon	7440-21-3	0.017	0.27	0.30	2670	2986	
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		96		
	non noble metal	titanium	7440-32-6	0.003	0.05		481		
	non noble metal	chromium	7440-47-3	0.009	0.14		1442		
	non noble metal	copper	7440-50-8	3.093	47.85	48.05	478541	480560	
wire	non noble metal	copper	7440-50-8	0.010	0.15	0.15	1486	1486	
encapsulation	organic material	carbon black	1333-86-4	0.030	0.46		4628		
	plastics	epoxy resin	-	0.643	9.95		99501		
	inorganic material	silicondioxide	60676-86-0	2.318	35.87	46.28	358668	462797	
leadfinish	non noble metal	tin	7440-31-5	0.213	3.30	3.30	32993	32993	
plating	noble metal	silver	7440-22-4	0.066	1.02	1.02	10220	10220	
*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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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