

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BAR 50-02V H6327	**Issued**	02. June 2021
MA#	MA000765602		
Package	PG-SC79-2-1	**Weight***	1.67 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			18	
	noble metal	gold	7440-57-5	0.003	0.18		1791	
	inorganic material	silicon	7440-21-3	0.026	1.53	1.71	15295	17104
leadframe	inorganic material	silicon	7440-21-3	0.000	0.01		92	
	non noble metal	titanium	7440-32-6	0.001	0.05		461	
	non noble metal	chromium	7440-47-3	0.002	0.14		1382	
	non noble metal	copper	7440-50-8	0.767	45.88	46.08	458876	460811
wire	non noble metal	copper	7440-50-8	0.002	0.14	0.14	1365	1365
encapsulation	organic material	carbon black	1333-86-4	0.007	0.44		4353	
	plastics	epoxy resin	-	0.124	7.40		73998	
	inorganic material	silicondioxide	60676-86-0	0.597	35.69	43.53	356931	435282
leadfinish	non noble metal	tin	7440-31-5	0.055	3.26	3.26	32641	32641
plating	noble metal	silver	7440-22-4	0.088	5.28	5.28	52797	52797
*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.

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