



Material Content Data Sheet



Sales Product Name	BAS 28 E6327	Issued	01. May 2021
MA#	MA000740042		
Package	PG-SOT143-4-1	Weight*	11.06 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			2	
	noble metal	gold	7440-57-5	0.002	0.02		183	
	inorganic material	silicon	7440-21-3	0.017	0.16	0.18	1560	1745
chip_2	non noble metal	arsenic	7440-38-2	0.000			2	
	noble metal	gold	7440-57-5	0.002	0.02		183	
	inorganic material	silicon	7440-21-3	0.017	0.16	0.18	1560	1745
leadframe	non noble metal	nickel	7440-02-0	1.673	15.12		151180	
	non noble metal	iron	7439-89-6	2.310	20.88	36.00	208773	359953
wire	noble metal	gold	7440-57-5	0.013	0.12	0.12	1158	1158
encapsulation	organic material	carbon black	1333-86-4	0.104	0.94		9415	
	inorganic material	antimonytrioxide	1309-64-4	0.156	1.41		14122	
	plastics	brominated resin	-	0.195	1.77		17652	
	plastics	epoxy resin	-	1.628	14.71		147102	
	inorganic material	silicondioxide	60676-86-0	4.427	39.99	58.82	400117	588408
leadfinish	non noble metal	tin	7440-31-5	0.217	1.96	1.96	19577	19577
plating	noble metal	silver	7440-22-4	0.303	2.74	2.74	27414	27414
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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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