



Material Content Data Sheet



Sales Product Name	SMBTA 42 E6327	Issued	28. April 2021
MA#	MA000045725		
Package	PG-SOT23-3-3	Weight*	8.71 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			22	
	noble metal	gold	7440-57-5	0.019	0.21		2149	
	inorganic material	silicon	7440-21-3	0.160	1.84	2.05	18354	20525
leadframe	non noble metal	nickel	7440-02-0	1.142	13.12		131178	
	non noble metal	iron	7439-89-6	1.578	18.12	31.24	181151	312329
wire	noble metal	gold	7440-57-5	0.017	0.19	0.19	1936	1936
encapsulation	organic material	carbon black	1333-86-4	0.089	1.02		10172	
	inorganic material	antimonytrioxide	1309-64-4	0.133	1.53		15258	
	plastics	brominated resin	-	0.166	1.91		19073	
	plastics	epoxy resin	-	1.384	15.89		158937	
	inorganic material	silicondioxide	60676-86-0	3.765	43.22	63.57	432309	635749
leadfinish	non noble metal	tin	7440-31-5	0.150	1.72	1.72	17183	17183
plating	noble metal	silver	7440-22-4	0.107	1.23	1.23	12278	12278
*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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