



Material Content Data Sheet



Sales Product Name		BSP76 E6433		Issued		4. July 2019		
MA#		MA001121454						
Package		PG-SOT223-4-21		Weight*		112.31 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	1.115	0.99	0.99	9931	9931
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		90	
	non noble metal	titanium	7440-32-6	0.051	0.05		451	
	non noble metal	chromium	7440-47-3	0.152	0.14		1354	
	non noble metal	copper	7440-50-8	50.489	44.95	45.15	449537	451432
wire	noble metal	gold	7440-57-5	0.385	0.34	0.34	3432	3432
encapsulation	organic material	carbon black	1333-86-4	0.461	0.41		4106	
	plastics	brominated resin	-	0.576	0.51		5132	
	inorganic material	antimonytrioxide	1309-64-4	1.153	1.03		10265	
	plastics	epoxy resin	-	10.491	9.34		93408	
	inorganic material	silicondioxide	60676-86-0	44.962	40.03	51.32	400322	513233
leadfinish	non noble metal	tin	7440-31-5	1.464	1.30	1.30	13035	13035
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4568	4568
glue	plastics	epoxy resin	-	0.086	0.08		765	
	noble metal	silver	7440-22-4	0.405	0.36	0.44	3604	4369
*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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