



Material Content Data Sheet



Sales Product Name		SMBT 2222A E6327		Issued		25. September 2017		
MA#		MA000438128						
Package		PG-SOT23-3-11		Weight*		8.81 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.007	0.08		802	
	non noble metal	arsenic	7440-38-2	0.000	0.00		8	
	inorganic material	silicon	7440-21-3	0.060	0.68	0.76	6847	7657
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		925	
	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		308	
	non noble metal	copper	7440-50-8	2.704	30.70	30.83	306984	308279
wire	noble metal	gold	7440-57-5	0.013	0.15	0.15	1490	1490
encapsulation	organic material	carbon black	1333-86-4	0.058	0.65		6545	
	plastics	brominated resin	-	0.086	0.98		9817	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.31		13089	
	plastics	epoxy resin	-	1.239	14.07		140707	
	inorganic material	silicondioxide	60676-86-0	4.266	48.44	65.45	484296	654454
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16987	16987
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11133	11133
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com