



Material Content Data Sheet



Sales Product Name		SMBT 3906U E6327		Issued		27. September 2017		
MA#		MA000930130						
Package		PG-SC74-6-1		Weight*		12.21 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	0.010	0.08		841	
	non noble metal	arsenic	7440-38-2	0.000	0.00		9	
	inorganic material	silicon	7440-21-3	0.088	0.72	0.80	7181	8031
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76	
	non noble metal	titanium	7440-32-6	0.005	0.04		382	
	non noble metal	chromium	7440-47-3	0.014	0.11		1146	
	non noble metal	copper	7440-50-8	4.643	38.02	38.18	380222	381826
wire	noble metal	gold	7440-57-5	0.029	0.23	0.23	2346	2346
encapsulation	organic material	carbon black	1333-86-4	0.056	0.46		4596	
	plastics	brominated resin	-	0.070	0.57		5745	
	inorganic material	antimonytrioxide	1309-64-4	0.140	1.15		11489	
	plastics	epoxy resin	-	1.487	12.18		121788	
	inorganic material	silicondioxide	60676-86-0	5.261	43.10	57.46	430852	574470
leadfinish	non noble metal	tin	7440-31-5	0.299	2.45	2.45	24521	24521
plating	noble metal	silver	7440-22-4	0.108	0.88	0.88	8806	8806
*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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