



Material Content Data Sheet



Sales Product Name		BAR 14-1 E6327		Issued		27. September 2017		
MA#		MA000487436						
Package		PG-SOT23-3-11		Weight*		8.82 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	0.00		11	
	noble metal	gold	7440-57-5	0.009	0.11		1061	
	inorganic material	silicon	7440-21-3	0.106	1.20	1.31	11974	13046
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		924	
	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	30.66	30.79	306620	307914
wire	noble metal	gold	7440-57-5	0.012	0.13	0.13	1343	1343
encapsulation	organic material	carbon black	1333-86-4	0.057	0.65		6496	
	plastics	brominated resin	-	0.086	0.97		9744	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.30		12992	
	plastics	epoxy resin	-	1.232	13.97		139666	
	inorganic material	silicondioxide	60676-86-0	4.240	48.07	64.96	480712	649610
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16967	16967
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11120	11120
*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