



Material Content Data Sheet



Sales Product Name		BAS 4002A RPP E6327		Issued		26. September 2017		
MA#		MA000787204						
Package		PG-SOT143-4-10		Weight*		11.85 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		10	
	noble metal	gold	7440-57-5	0.012	0.10		1011	
	inorganic material	silicon	7440-21-3	0.102	0.86	0.96	8635	9656
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		84	
	non noble metal	titanium	7440-32-6	0.005	0.04		422	
	non noble metal	chromium	7440-47-3	0.015	0.13		1267	
	non noble metal	copper	7440-50-8	4.981	42.05	42.23	420441	422214
wire	noble metal	gold	7440-57-5	0.036	0.30	0.30	3010	3010
	encapsulation	organic material	carbon black	0.102	0.86		8584	
		inorganic material	antimonytrioxide	0.153	1.29		12877	
		plastics	brominated resin	-	0.191	1.61	16096	
		plastics	epoxy resin	-	1.589	13.41	134132	
		inorganic material	silicondioxide	4.322	36.48	53.65	364838	536527
leadfinish	non noble metal	tin	7440-31-5	0.217	1.83	1.83	18283	18283
plating	noble metal	silver	7440-22-4	0.122	1.03	1.03	10310	10310
*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