



Material Content Data Sheet



Sales Product Name		BF 2040 E6814		Issued		2. August 2018		
MA#		MA000770562						
Package		PG-SOT143-4-1		Weight*		11.07 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	0.003	0.03		299	
	non noble metal	tin	7440-31-5	0.001	0.01		77	
	inorganic material	silicon	7440-21-3	0.025	0.22	0.26	2217	2593
leadframe	non noble metal	nickel	7440-02-0	1.673	15.11		151122	
	non noble metal	iron	7439-89-6	2.310	20.87	35.98	208692	359814
wire	noble metal	gold	7440-57-5	0.017	0.15	0.15	1539	1539
encapsulation	organic material	carbon black	1333-86-4	0.104	0.94		9421	
	inorganic material	antimonytrioxide	1309-64-4	0.156	1.41		14132	
	plastics	brominated resin	-	0.196	1.77		17665	
	plastics	epoxy resin	-	1.629	14.72		147210	
	inorganic material	silicondioxide	60676-86-0	4.432	40.05	58.89	400409	588837
leadfinish	non noble metal	tin	7440-31-5	0.219	1.98	1.98	19814	19814
plating	noble metal	silver	7440-22-4	0.303	2.74	2.74	27403	27403
*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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