



Material Content Data Sheet



Sales Product Name		BF 2040W H6814		Issued		2. August 2018			
MA#		MA000843322							
Package		PG-SOT343-4-1		Weight*		6.74 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	0.05		492		
	non noble metal	tin	7440-31-5	0.001	0.01		127		
	inorganic material	silicon	7440-21-3	0.025	0.36	0.42	3642	4261	
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		100		
	non noble metal	titanium	7440-32-6	0.003	0.05		499		
	non noble metal	chromium	7440-47-3	0.010	0.15		1497		
	non noble metal	copper	7440-50-8	3.347	49.69	49.90	496853	498949	
wire	non noble metal	copper	7440-50-8	0.009	0.14	0.14	1364	1364	
encapsulation	organic material	carbon black	1333-86-4	0.031	0.46		4560		
	plastics	epoxy resin	-	0.660	9.80		98040		
	inorganic material	silicondioxide	60676-86-0	2.381	35.34	45.60	353401	456001	
leadfinish	non noble metal	tin	7440-31-5	0.202	2.99	2.99	29943	29943	
plating	noble metal	silver	7440-22-4	0.064	0.95	0.95	9482	9482	
*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