



## Material Content Data Sheet



<b>Sales Product Name</b>	BF 2040 E6814	<b>Issued</b>	24. June 2021
<b>MA#</b>	MA001302524		
<b>Package</b>	PG-SOT143-4-1	<b>Weight*</b>	11.07 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.001	0.01		77	
	noble metal	gold	7440-57-5	0.003	0.03		299	
	inorganic material	silicon	7440-21-3	0.029	0.26	0.30	2635	3011
leadframe	non noble metal	nickel	7440-02-0	1.673	15.12		151153	
	non noble metal	iron	7439-89-6	2.310	20.87	35.99	208735	359888
wire	noble metal	gold	7440-57-5	0.016	0.15	0.15	1476	1476
encapsulation	organic material	carbon black	1333-86-4	0.104	0.94		9418	
	inorganic material	antimonytrioxide	1309-64-4	0.156	1.41		14127	
	plastics	brominated resin	-	0.195	1.77		17659	
	plastics	epoxy resin	-	1.628	14.72		147161	
	inorganic material	silicondioxide	60676-86-0	4.429	40.02	58.86	400277	588642
leadfinish	non noble metal	tin	7440-31-5	0.217	1.96	1.96	19574	19574
plating	noble metal	silver	7440-22-4	0.303	2.74	2.74	27409	27409
*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 Neubiberg
Internet	www.infineon.com