



Material Content Data Sheet



Sales Product Name		SAK-TC1796-256F150E BE		Issued		19. January 2018		
MA#		MA001226480						
Package		P-BGA-416-25		Weight*		2592.43 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	49.517	1.91	1.91	19100	19100
wire	noble metal	palladium	7440-05-3	0.024	0.00		9	
	noble metal	platinum	7440-06-4	0.071	0.00		28	
	noble metal	gold	7440-57-5	9.412	0.36	0.36	3631	3668
encapsulation	organic material	carbon black	1333-86-4	2.389	0.09		922	
	inorganic material	silicondioxide	60676-86-0	146.928	5.67		56676	
	plastics	epoxy resin	-	1045.219	40.31	46.07	403180	460778
substrate	plastics	epoxy resin	-	24.545	0.95		9468	
	inorganic material	bariumsulfate	7727-43-7	37.664	1.45		14528	
	plastics	acrylic resin	-	43.589	1.68		16814	
	plastics	bismaleimide triazine resin	-	146.953	5.67		56685	
	inorganic material	aluminiumhydroxide	21645-51-2	161.648	6.24		62354	
	non noble metal	copper	7440-50-8	222.058	8.57		85656	
	inorganic material	glass fibre	-	279.210	10.77	35.33	107702	353207
plating	non noble metal	nickel	7440-02-0	0.685	0.03		264	
	noble metal	gold	7440-57-5	0.250	0.01	0.04	97	361
solderball	non noble metal	lead	7439-92-1	153.661	5.93		59273	
	non noble metal	tin	7440-31-5	261.638	10.09	16.02	100924	160197
glue	plastics	epoxy resin	-	1.743	0.07		672	
	noble metal	silver	7440-22-4	5.230	0.20	0.27	2017	2689
*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.

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com