



Material Content Data Sheet



Sales Product Name	ITS410E2			Issued		29. August 2013		
MA#	MA000222416							
Package	PG-TO220-5-3			Weight*		2250.19 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	6.117	0.27	0.27	2719	2719
leadframe	non noble metal	iron	7439-89-6	1.106	0.05		492	
	inorganic material	phosphorus	7723-14-0	0.332	0.01		148	
	non noble metal	copper	7440-50-8	1104.902	49.09	49.15	491026	491666
wire	non noble metal	aluminium	7429-90-5	1.513	0.07	0.07	672	672
encapsulation	organic material	carbon black	1333-86-4	5.698	0.25		2532	
	inorganic material	antimonytrioxide	1309-64-4	11.914	0.53		5295	
	plastics	brominated resin	-	13.468	0.60		5985	
	plastics	epoxy resin	-	98.422	4.37		43739	
	inorganic material	silicondioxide	60676-86-0	388.508	17.27	23.02	172656	230207
leadfinish	non noble metal	tin	7440-31-5	24.181	1.07	1.07	10746	10746
plating	non noble metal	nickel	7440-02-0	0.155	0.01		69	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.01	0	69
solder	non noble metal	antimony	7440-36-0	0.364	0.02		162	
	noble metal	silver	7440-22-4	0.910	0.04		404	
	non noble metal	tin	7440-31-5	2.366	0.11	0.17	1051	1617
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		262	
	inorganic material	phosphorus	7723-14-0	0.177	0.01		79	
	non noble metal	copper	7440-50-8	589.466	26.20	26.24	261963	262304
*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