



Material Content Data Sheet



Sales Product Name		ITS4140N		Issued		29. August 2013		
MA#		MA001121464						
Package		PG-SOT223-4-21		Weight*		111.94 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	0.741	0.66	0.66	6620	6620
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		91	
	non noble metal	titanium	7440-32-6	0.051	0.05		453	
	non noble metal	chromium	7440-47-3	0.152	0.14		1359	
	non noble metal	copper	7440-50-8	50.489	45.10	45.30	451037	452940
wire	noble metal	gold	7440-57-5	0.103	0.09	0.09	916	916
encapsulation	organic material	carbon black	1333-86-4	0.464	0.41		4147	
	plastics	brominated resin	-	0.580	0.52		5184	
	inorganic material	antimonytrioxide	1309-64-4	1.161	1.04		10368	
	plastics	epoxy resin	-	10.561	9.43		94346	
	inorganic material	silicondioxide	60676-86-0	45.262	40.43	51.83	404340	518385
leadfinish	non noble metal	tin	7440-31-5	1.464	1.31	1.31	13078	13078
plating	noble metal	silver	7440-22-4	0.513	0.46	0.46	4583	4583
glue	plastics	epoxy resin	-	0.068	0.06		609	
	noble metal	silver	7440-22-4	0.321	0.29	0.35	2869	3478
*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.
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