

Temperature-dependance :		TFS468F
date	1/5/2006	
design	DART468FQ31	
material	Quarz, weiß, 36.5°	
E.Nr.	E4725	
technology	lift off	
measured bandwidth 1	15dB	
measured bandwidth 2	35dB	
test-board	TFP7x5A	

temperature	IL1	frq1	bw1	IL2	frq2	bw2	Delta f1	Delta f2
	[dB]	[MHz]	[MHz]	[dB]	[MHz]	[MHz]	[kHz]	[kHz]
-40	-9.958	467.864	9.261	-9.967	468.005	11.615	-107	-54
-30	-10.084	467.889	9.260	-10.087	468.017	11.597	-83	-42
-20	-10.206	467.910	9.259	-10.214	468.028	11.585	-62	-31
-10	-10.340	467.929	9.258	-10.347	468.039	11.571	-43	-20
0	-10.490	467.946	9.257	-10.494	468.050	11.555	-26	-9
10	-10.618	467.960	9.250	-10.625	468.058	11.550	-12	-1
20	-10.763	467.968	9.243	-10.769	468.060	11.539	-3	0
30	-10.906	467.972	9.237	-10.913	468.052	11.519	0	-7
40	-11.047	467.971	9.230	-11.054	468.038	11.494	-1	-21
50	-11.206	467.968	9.225	-11.210	468.025	11.470	-4	-34
60	-11.366	467.962	9.218	-11.367	468.014	11.459	-10	-46
70	-11.527	467.953	9.211	-11.533	467.999	11.452	-18	-60
80	-11.687	467.942	9.204	-11.694	467.983	11.443	-29	-77
90	-11.844	467.928	9.197	-11.848	467.963	11.430	-44	-96

temperature coefficient of frequency (1)      **-0.038 ppm/K<sup>2</sup>**      turn over temperature (1) / °C      **38.7**  
temperature coefficient of frequency (2)      **-0.037 ppm/K<sup>2</sup>**      turn over temperature (2) / °C      **15.8**

