



# 38度发烧友

BBS.38HOT.NET


34401 fluke 187

140

38Hot Volt-Nuts > New life of the Solartron 7081



fluke 87v



fluke 87v



fluke 87v



TDS220

GDM-8055

DL1740 500M

6612C



262

9

## [New life of the Solartron 7081]



iddqd2001

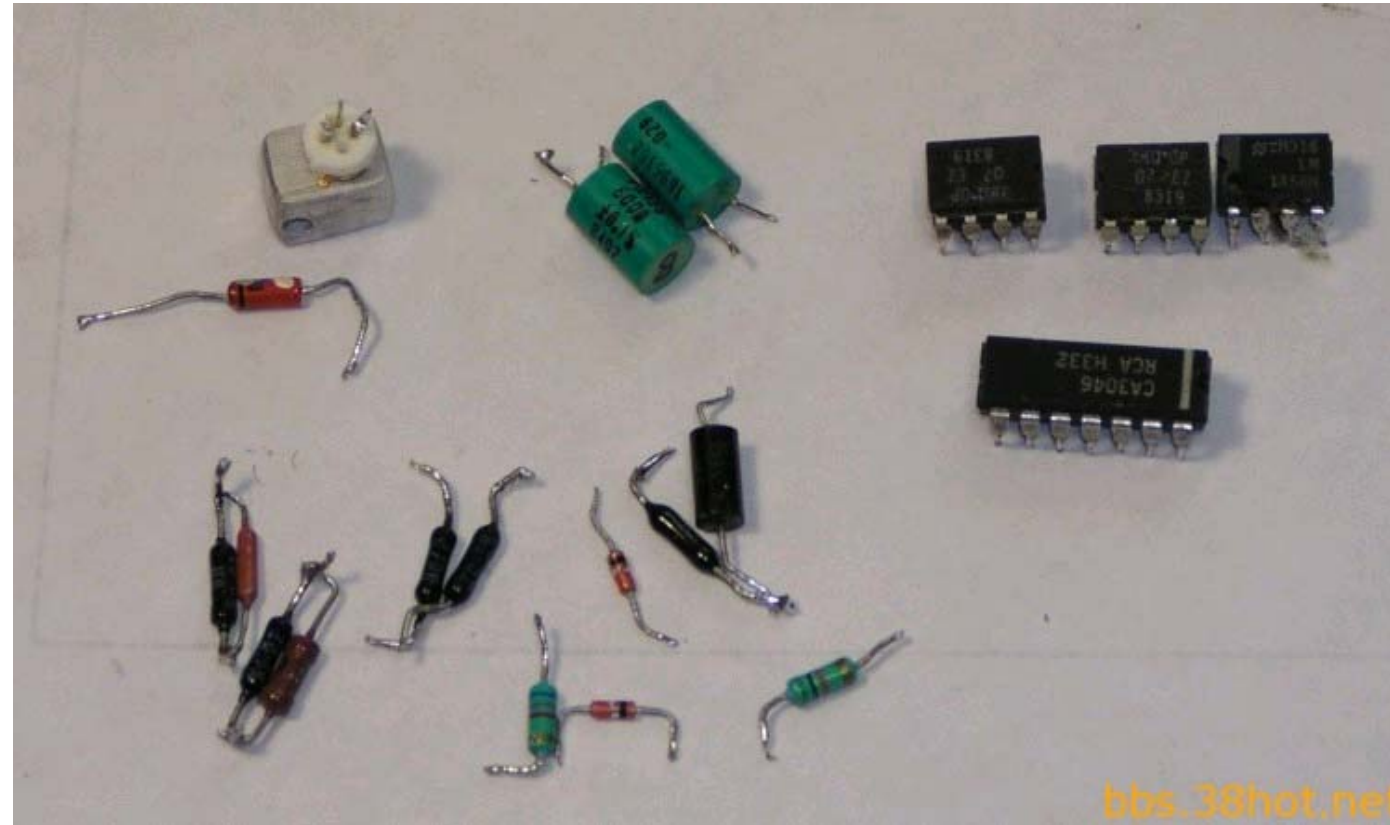
03:54

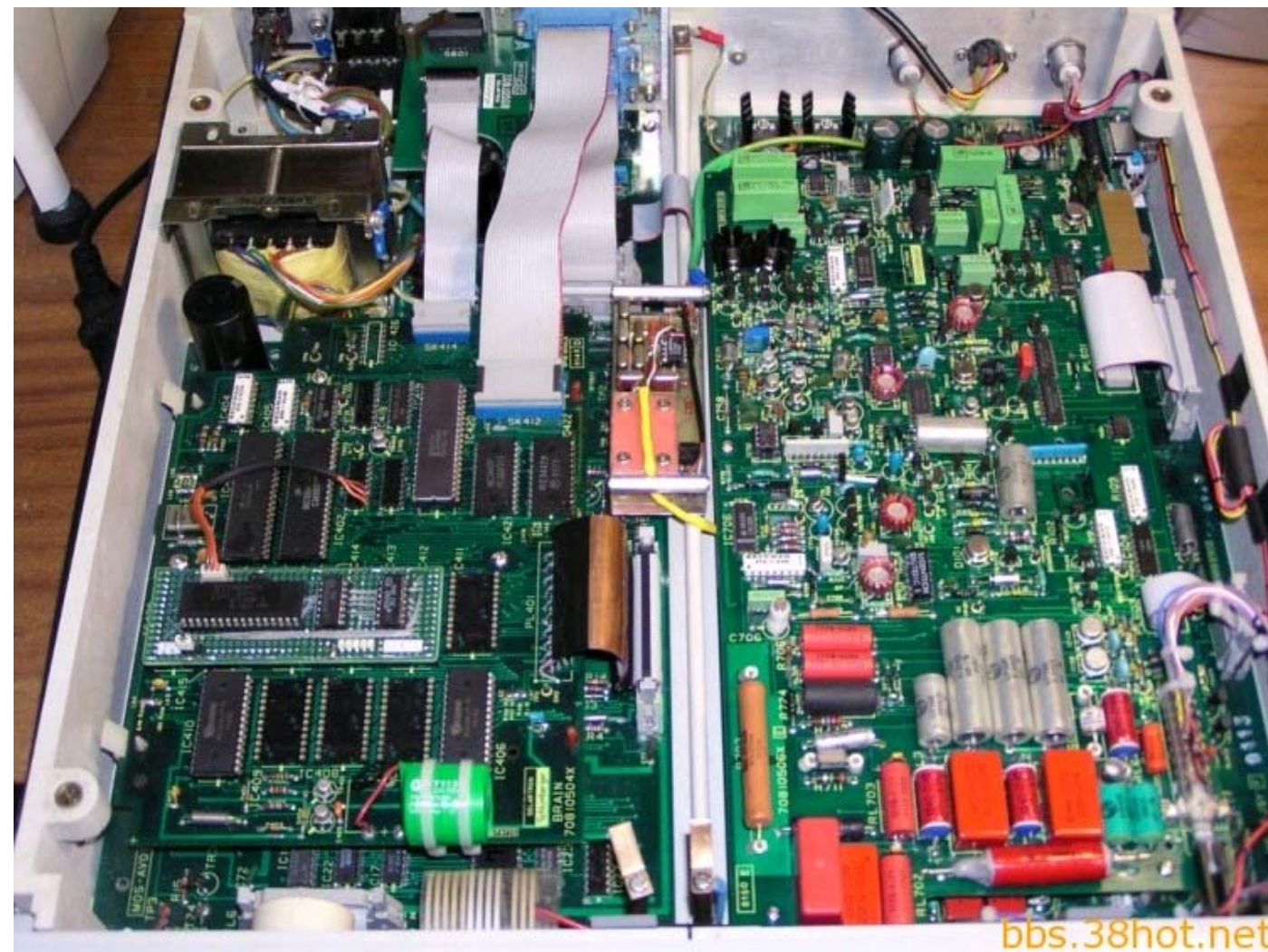


Previous part: <http://bbs.38hot.net/read-htm-tid-15406.html>

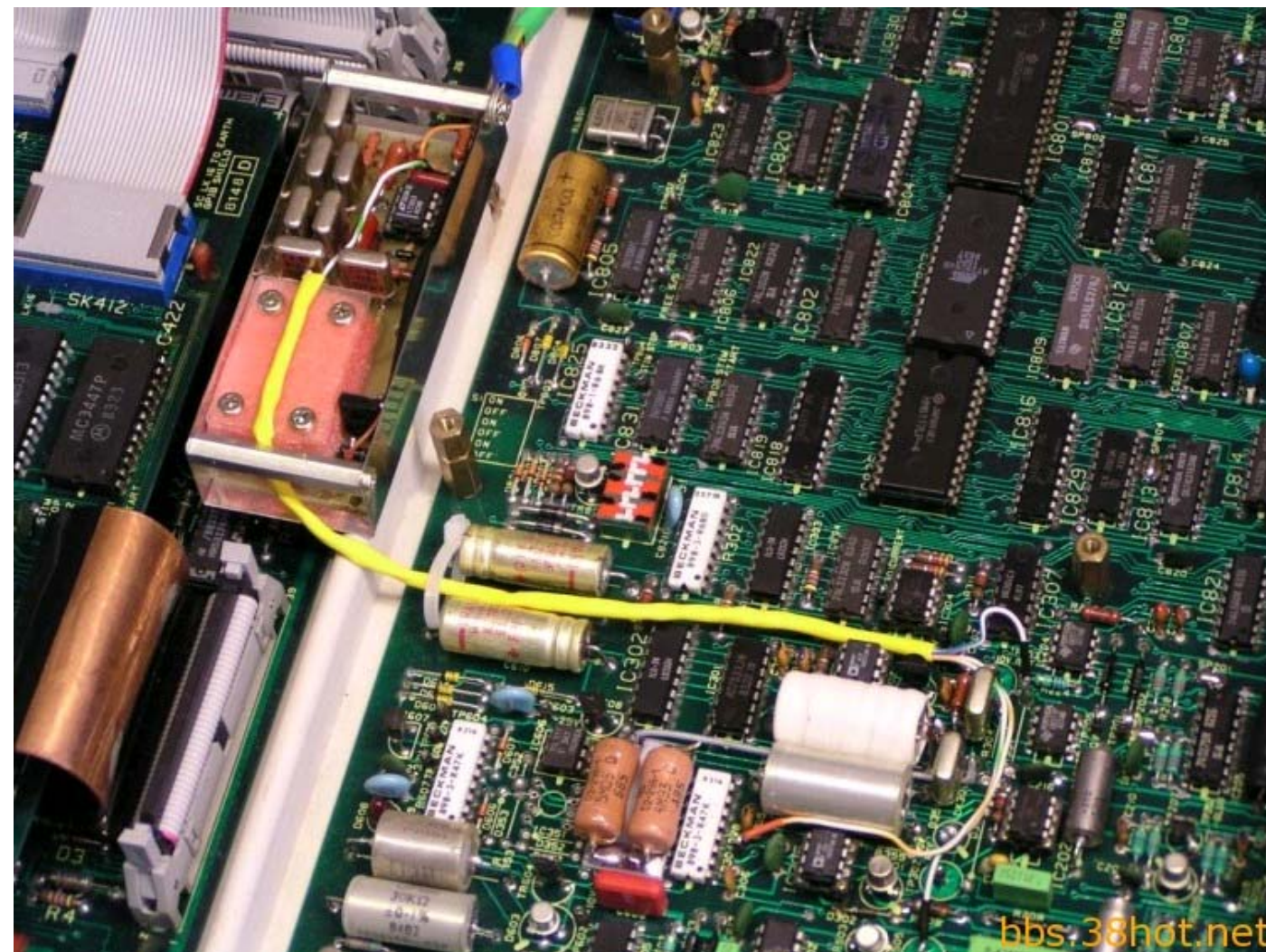


100  
334  
38

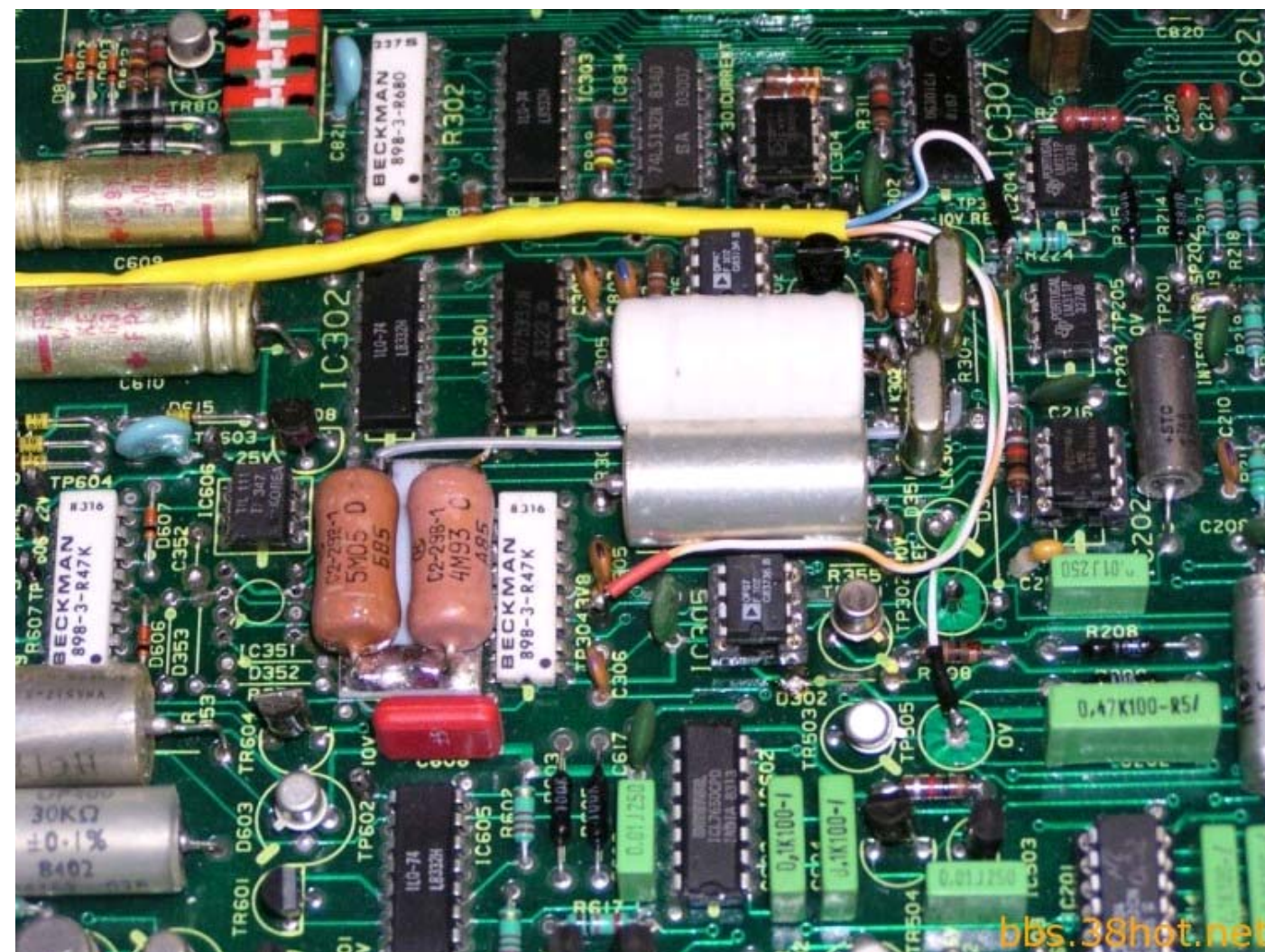




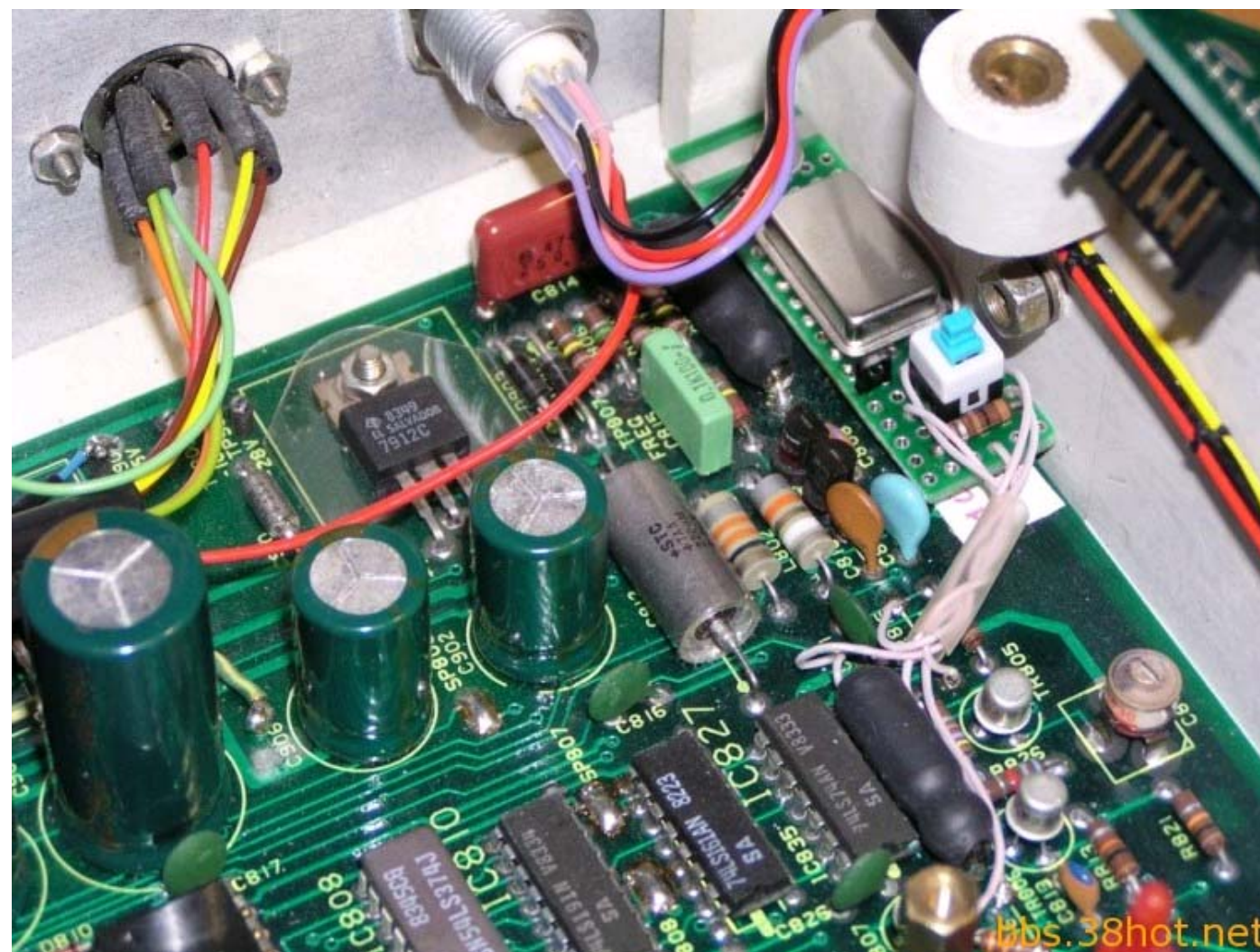


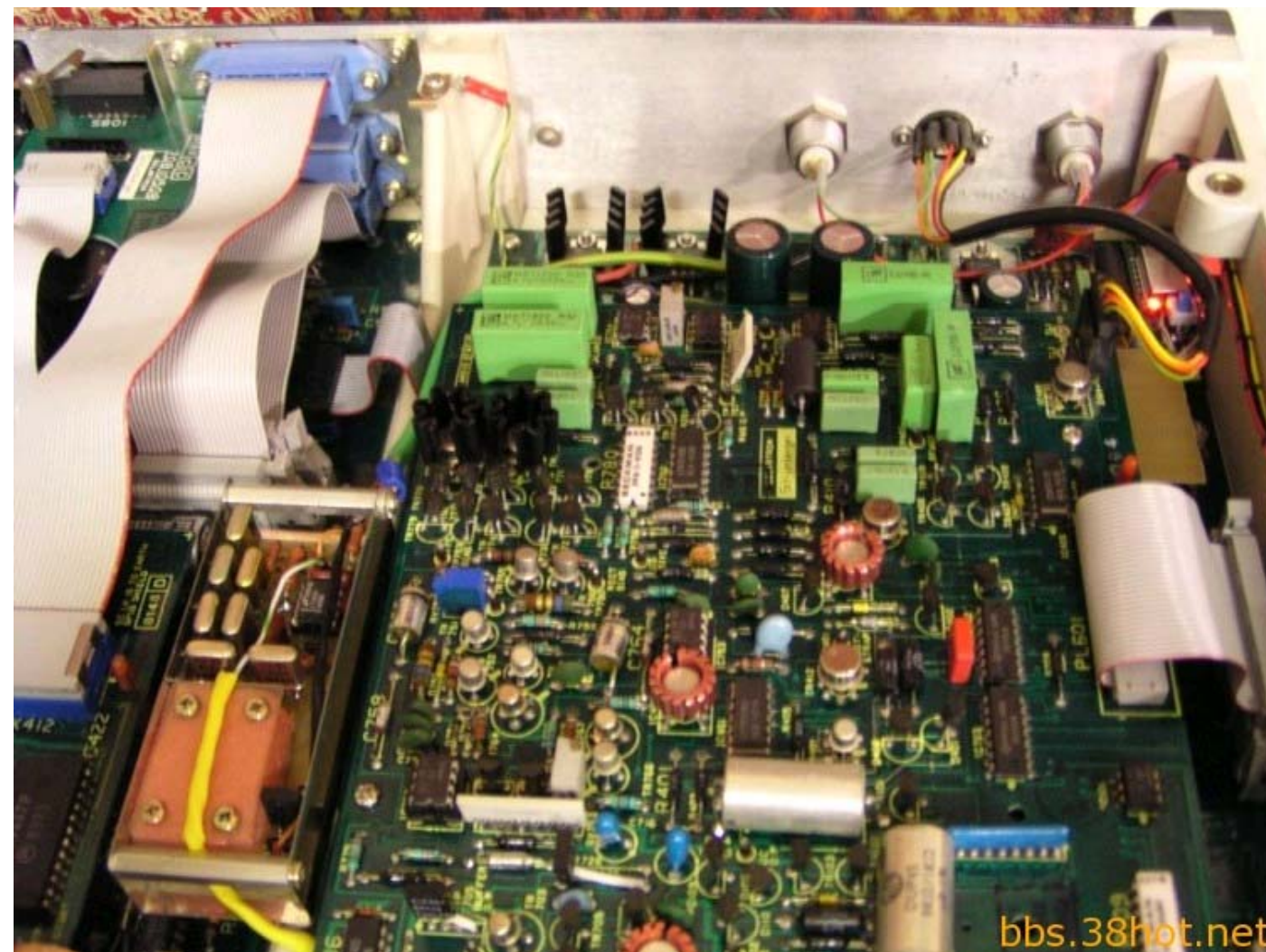






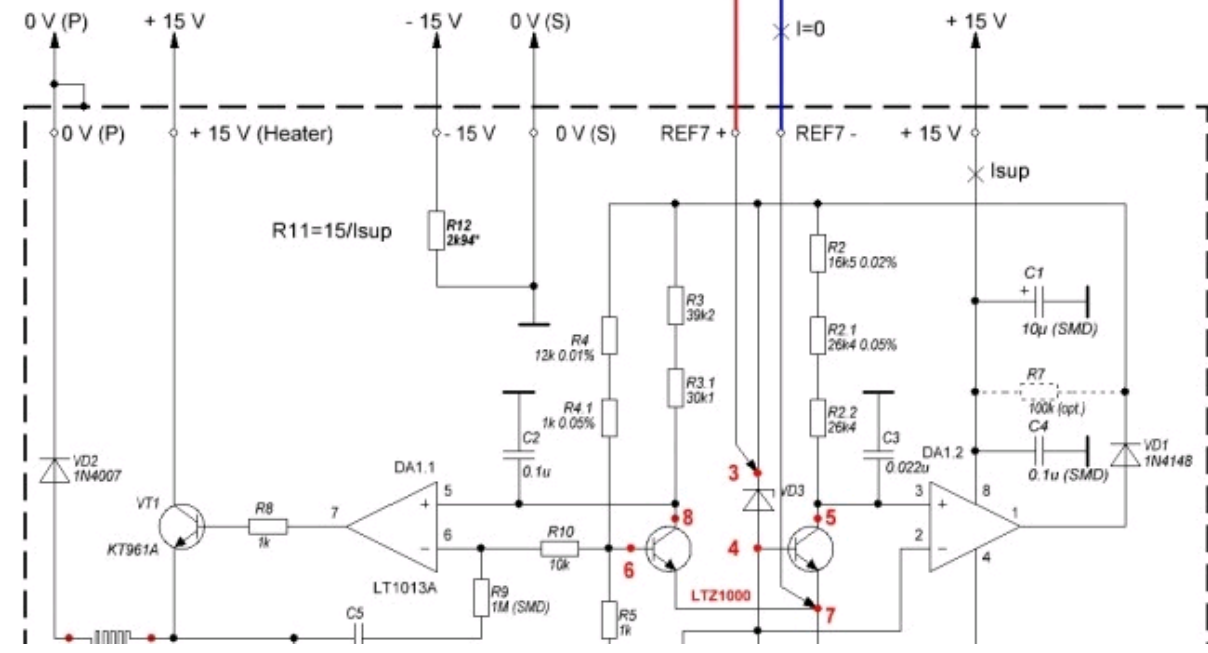
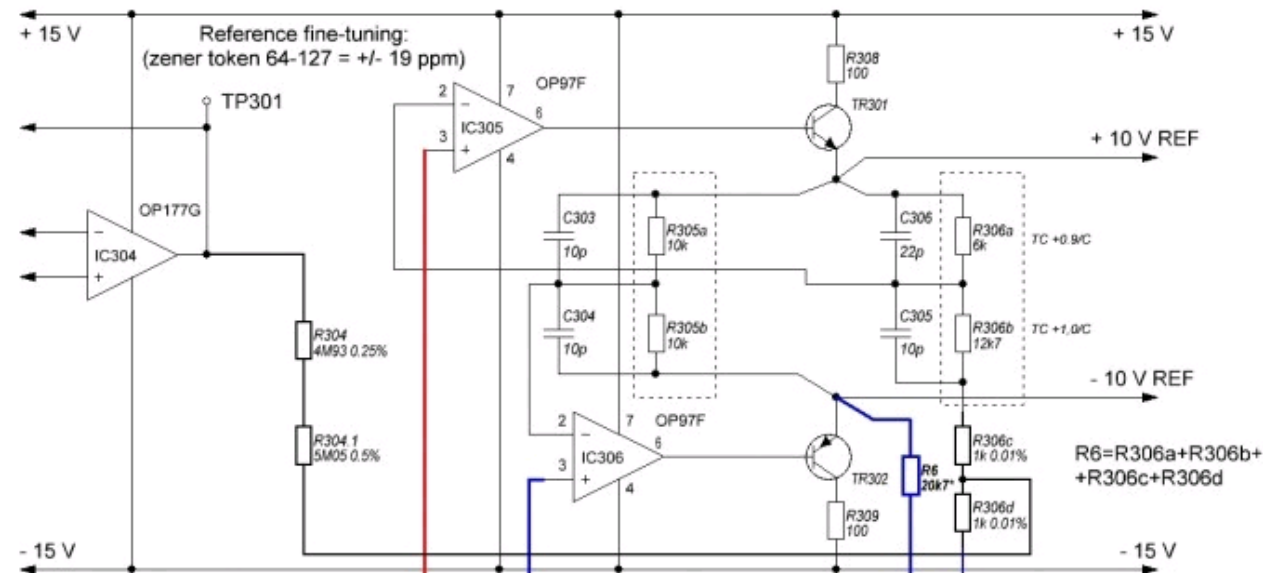




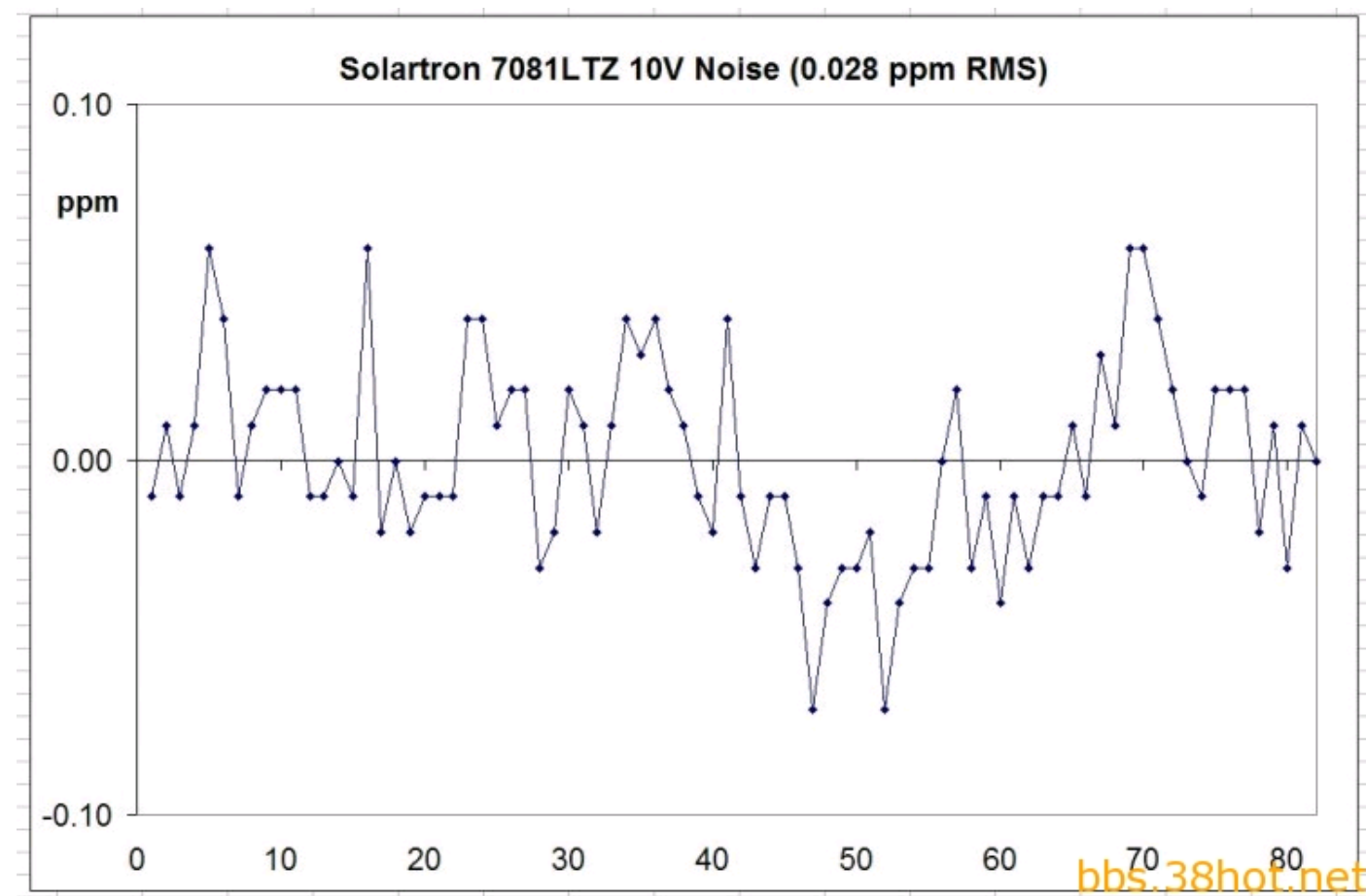




### Solartron 7081 voltage reference mod (v.2)







Bivariate correlation analysis, with temperature coefficient and aging						lymex, 2009-2-22			iddqd2001, 2013-1			
Time, hours	Test temperature	Test value, ppm	Calculated, ppm	Difference, ppm	Fixed TC, ppm+1	TC	AR	C	TC	AR	C	
586	28.1	9.1	9.23	0.13	10.06	0.38	0.0013	-2.25323	0.41	-2.0E-04	-1.646211	
596	26.0	8.4	8.44	0.04	10.24	0.03272	0.00024	0.864571	0.02754	0.00012	0.744414	
598	27.3	8.8	8.94	0.14	10.09	0.79	0.21	#H/D	0.85	0.20	#H/D	
600	28.3	9.4	9.32	-0.08	10.27	F statistic	96.576	51.000	#H/D	111.119	40.000	#H/D
610	27.1	9	8.88	-0.12	10.38	S^2	8.772	2.316	#H/D	8.758	1.576	#H/D
611	27.2	9.4	8.92	-0.48	10.74							
618	26.1	9	8.50	-0.50	10.80							
625	27.1	9.2	8.90	-0.30	10.58							
640	27.2	8.8	8.95	0.15	10.14							
648	27.4	8.8	9.04	0.24	10.05							
658	26.5	8.7	8.71	0.01	10.33							
669	25.9	8.3	8.49	0.19	10.18							
674	27.5	9.15	9.11	-0.04	10.36							
682	26.9	8.7	8.89	0.19	10.16							
696	26.8	8.7	8.87	0.17	10.20							
706	25.7	8.4	8.46	0.06	10.37							
718	25.9	8.2	8.55	0.35	10.08							
721	27.1	8.8	9.02	0.22	10.18							
730	25.5	8.7	8.41	-0.29	10.75							
743	26.4	8.8	8.77	-0.03	10.47							
745	27.4	9	9.16	0.16	10.25							
754	25.8	8.4	8.56	0.16	10.32							
766	26.4	8.5	8.80	0.30	10.17							
769	27.9	9.3	9.38	0.08	10.34							
778	26.9	9	9.01	0.01	10.46							
780	26.7	9.1	8.94	-0.16	10.65							
781	27.3	9.2	9.17	-0.03	10.49							
790	25.6	8.6	8.53	-0.07	10.61							
791	26.3	8.6	8.80	0.20	10.31							
793	27.1	9	9.11	0.11	10.38							
802	25.4	8.7	8.47	-0.23	10.79							
813	25.6	8.3	8.56	0.26	10.31							
817	27.2	9.5	9.17	-0.33	10.84							
826	25.8	8.8	8.65	-0.15	10.72							
839	25.6	8.65	8.59	-0.06	10.66							
850	25.4	8.65	8.53	-0.12	10.74							
852	25.9	8.65	8.72	0.07	10.53							
874	25.9	8.9	8.75	-0.15	10.78							

Coefficients	0.38	0.0013	-2.25323	0.41	-2.0E-04	-1.646211
Std. Error	0.03272	0.00024	0.864571	0.02754	0.00012	0.744414
R^2	0.79	0.21	#H/D	0.85	0.20	#H/D
F statistic	96.576	51.000	#H/D	111.119	40.000	#H/D
S^2	8.772	2.316	#H/D	8.758	1.576	#H/D

	1.3E-03 ppm/hour	-2.0E-04 ppm/hour
	11.0 ppm/year	0.00012 ppm/year
	0.38 ppm/C	0.41 ppm/C

[ iddqd2001 2013-01-10 03:57 ]

3 +8 +3

enquireyh +3 12:01

enquireyh +5 12:01



adsnet

+3

11:02

liyf



312  
433  
2



wdexpert

1

04:18



?DIY!

diy <http://kitebee.meibu.com>

qq 41210778

07:28



94



1430



0



Use LTZ1000 modified~



3:01:09:38



Very good

QQ490941125 / WWleicamr







1347



1396



46



mercyau

4:52 09:52

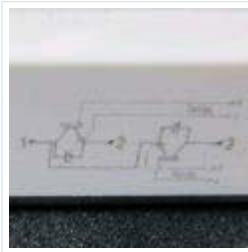


Congratulation!



<http://oudaqlang.taobao.com>





467



2343



14



gaopeng31

5 10:27



Application of temperature compensation problem is how to solve the







48 04 05



01 01

836

01 01

688

01 01

45

02 00 13 01

01 01 01 01

armdsp

6 10:59

02 04 05 01 01

great job

01 01

01 01



78



11233



6



adsnet

7:51:00 11:02



10:00:00 n 10:00:00





280  
1000  
16



enquireyhw

8 12:01







1736



467391406



76



zy\_sh\_npk

9 13:06



48 04 05

★ 12

53 01 16

1173

41 01 16

11260

58 01 16

21

52 00 13 51 00 13 51 00 13

57 01 16 58 01 16

56 01 16 57 01 16

48 01 16 49 01 16

57 04 05 58 04 05 59 04 05

56 01 16 57 01 16

53 01 16 54 01 16

58 17 05 59 17 05 60 17 05

Re:New life of the Solartron 7081

100

58 01 16 59 01 16 60 01 16 61 01 16 62 01 16 63 01 16 64 01 16 65 01 16 66 01 16 67 01 16 68 01 16 69 01 16 70 01 16 71 01 16 72 01 16 73 01 16 74 01 16 75 01 16

53 01 16 54 01 16

56 01 16 57 01 16 58 01 16 59 01 16 60 01 16 61 01 16 62 01 16 63 01 16 64 01 16 65 01 16 66 01 16 67 01 16 68 01 16 69 01 16 70 01 16 71 01 16 72 01 16 73 01 16 74 01 16 75 01 16

