

# TMP86FM25F(3.3V) Wiring Table for the FLASH Writer (BM1401W0A-G)

Rev1.00  
2011/2/18

TP\_VCC\_EN: 3.3V Short  
TP\_PULL\_VCC\_SEL: 3.3V Short

Package: QFP100(14x20)  
Product Code: BDS040

TLCS-QFP100-PN410111

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
1	VSS	SL1	Remove solder	TP1	J_GND-L
2	XIN	SL2	Remove solder	TP2	J_CLOCK2
3	XOUT	SL3	Remove solder	TP3	J_CLOCK1
4	TEST	SL4	Remove solder	TP4	J_SIGNAL4(RESET) through the schmitt buffer
5	VDD	SL5	Remove solder	TP5	J_33V-L
6	P21	SL6	-	TP6	-
7	P22	SL7	-	TP7	-
8	-RESET	SL8	Remove solder	TP8	J_SIGNAL4(RESET) through the schmitt buffer
9	P20	SL9	-	TP9	-
10	P60	SL10	-	TP10	-
11	P61	SL11	-	TP11	-
12	P62	SL12	-	TP12	-
13	P63	SL13	-	TP13	-
14	P64	SL14	-	TP14	-
15	P65	SL15	-	TP15	-
16	P66	SL16	-	TP16	-
17	P67	SL17	-	TP17	-
18	VAREF	SL18	Remove solder	TP18	J_33V-L
19	P17	SL19	-	TP19	-
20	TXD	SL20	Remove solder	TP20	J_SIGNAL5(TxD), Pull-up
21	RXD	SL21	Remove solder	TP21	J_SIGNAL6(RxD), Pull-up
22	P14	SL22	-	TP22	-
23	P13	SL23	-	TP23	-
24	P12	SL24	-	TP24	-
25	P11	SL25	Remove solder	TP25	J_GND-L
26	P10	SL26	-	TP26	-
27	P33	SL27	-	TP27	-
28	P32	SL28	-	TP28	-
29	P31	SL29	-	TP29	-
30	P30	SL30	-	TP30	-
31	P57	SL31	-	TP31	-
32	P56	SL32	-	TP32	-
33	P55	SL33	-	TP33	-
34	P54	SL34	-	TP34	-
35	P53	SL35	-	TP35	-
36	P52	SL36	-	TP36	-
37	P51	SL37	-	TP37	-
38	P50	SL38	-	TP38	-
39	SEG39	SL39	Remove solder	TP39	-
40	SEG38	SL40	Remove solder	TP40	-
41	SEG37	SL41	Remove solder	TP41	-
42	SEG36	SL42	Remove solder	TP42	-
43	SEG35	SL43	Remove solder	TP43	-
44	SEG34	SL44	Remove solder	TP44	-
45	SEG33	SL45	Remove solder	TP45	-
46	SEG32	SL46	Remove solder	TP46	-
47	SEG31	SL47	Remove solder	TP47	-
48	SEG30	SL48	Remove solder	TP48	-
49	SEG29	SL49	Remove solder	TP49	-
50	SEG28	SL50	Remove solder	TP50	-

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
51	SEG27	SL51	Remove solder	TP51	-
52	SEG26	SL52	Remove solder	TP52	-
53	SEG25	SL53	Remove solder	TP53	-
54	SEG24	SL54	Remove solder	TP54	-
55	SEG23	SL55	Remove solder	TP55	-
56	SEG22	SL56	Remove solder	TP56	-
57	SEG21	SL57	Remove solder	TP57	-
58	SEG20	SL58	Remove solder	TP58	-
59	SEG19	SL59	Remove solder	TP59	-
60	SEG18	SL60	Remove solder	TP60	-
61	SEG17	SL61	Remove solder	TP61	-
62	SEG16	SL62	Remove solder	TP62	-
63	SEG15	SL63	Remove solder	TP63	-
64	SEG14	SL64	Remove solder	TP64	-
65	SEG13	SL65	Remove solder	TP65	-
66	SEG12	SL66	Remove solder	TP66	-
67	SEG11	SL67	Remove solder	TP67	-
68	SEG10	SL68	Remove solder	TP68	-
69	SEG9	SL69	Remove solder	TP69	-
70	SEG8	SL70	Remove solder	TP70	-
71	SEG7	SL71	Remove solder	TP71	-
72	SEG6	SL72	Remove solder	TP72	-
73	SEG5	SL73	Remove solder	TP73	-
74	SEG4	SL74	Remove solder	TP74	-
75	SEG3	SL75	Remove solder	TP75	-
76	SEG2	SL76	Remove solder	TP76	-
77	SEG1	SL77	Remove solder	TP77	-
78	SEG0	SL78	Remove solder	TP78	-
79	COM0	SL79	Remove solder	TP79	-
80	COM1	SL80	Remove solder	TP80	-
81	COM2	SL81	Remove solder	TP81	-
82	COM3	SL82	Remove solder	TP82	-
83	COM4	SL83	Remove solder	TP83	-
84	P34	SL84	-	TP84	-
85	P35	SL85	-	TP85	-
86	P36	SL86	-	TP86	-
87	P70	SL87	-	TP87	-
88	P71	SL88	-	TP88	-
89	P72	SL89	-	TP89	-
90	P73	SL90	-	TP90	-
91	P74	SL91	-	TP91	-
92	P75	SL92	-	TP92	-
93	P76	SL93	-	TP93	-
94	P77	SL94	-	TP94	-
95	V4	SL95	Remove solder	TP95	-
96	V3	SL96	Remove solder	TP96	-
97	V2	SL97	Remove solder	TP97	-
98	V1	SL98	Remove solder	TP98	-
99	C1	SL99	Remove solder	TP99	-
100	C0	SL100	Remove solder	TP100	-

- Caution
- 1.No need disposal on "-" marking
  2. Basically all pins are connected to pulldown 1M-ohm on factory shipped setting.
  - 3.If you use a oscillator , you do not need to connect between this pin and X2.  
If you use a resonator , you need to connect between this pin and X2.
  - 4.Remove R13 of the resistor.
  - 5.Connect "TEST","RESET" pins as following figure.

