

# TMP91FW40FG(3.3V) Wiring Table for the FLASH Writer (BM1401W0A-G)

Rev1.00  
2011/2/20

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

Package: LQFP100(14x14)  
Product Code: BDS035

TLCS-LQFP100-PN410106

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
1	P82	SL1	-	TP1	-
2	P83	SL2	-	TP2	-
3	DVSS	SL3	Remove solder	TP3	J_GND-L
4	DVCC	SL4	Remove solder	TP4	J_33V-L
5	BOOT	SL5	Remove solder	TP5	J_GND-L
6	P90	SL6	-	TP6	-
7	P91	SL7	-	TP7	-
8	P92	SL8	-	TP8	-
9	TXD1	SL9	Remove solder	TP9	J_SIGNAL5(TxD)
10	RXD1	SL10	Remove solder	TP10	J_SIGNAL6(RxD)
11	P95	SL11	-	TP11	-
12	PA0	SL12	-	TP12	-
13	PA1	SL13	-	TP13	-
14	PA2	SL14	-	TP14	-
15	PA3	SL15	-	TP15	-
16	PA4	SL16	-	TP16	-
17	PA5	SL17	-	TP17	-
18	NMI	SL18	Remove solder	TP18	Pull-up
19	P60	SL19	-	TP19	-
20	P61	SL20	-	TP20	-
21	P70	SL21	-	TP21	-
22	P71	SL22	-	TP22	-
23	P72	SL23	-	TP23	-
24	AM0	SL24	Remove solder	TP24	J_33V-L
25	DVCC	SL25	Remove solder	TP25	J_33V-L
26	X2	SL26	Remove solder	TP26	J_CLOCK1 *3
27	DVSS	SL27	Remove solder	TP27	J_GND-D
28	X1	SL28	Remove solder	TP28	J_CLOCK2
29	AM1	SL29	Remove solder	TP29	J_33V-L
30	-RESET	SL30	Remove solder	TP30	J_SIGNAL4(RESET) *4
31	XT1	SL31	-	TP31	-
32	XT2	SL32	-	TP32	-
33	EMU0	SL33	Remove solder	TP33	-
34	EMU1	SL34	Remove solder	TP34	-
35	P73	SL35	-	TP35	-
36	P74	SL36	-	TP36	-
37	P75	SL37	-	TP37	-
38	PB7	SL38	-	TP38	-
39	PB6	SL39	-	TP39	-
40	PB5	SL40	-	TP40	-
41	PB4	SL41	-	TP41	-
42	PB3	SL42	-	TP42	-
43	PB2	SL43	-	TP43	-
44	PB1	SL44	-	TP44	-
45	PB0	SL45	-	TP45	-
46	DVSS	SL46	Remove solder	TP46	J_GND-D
47	DVCC	SL47	Remove solder	TP47	J_33V-R
48	P07	SL48	-	TP48	-
49	P06	SL49	-	TP49	-
50	P05	SL50	-	TP50	-

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
51	P04	SL51	-	TP51	-
52	P03	SL52	-	TP52	-
53	P02	SL53	-	TP53	-
54	P01	SL54	-	TP54	-
55	P00	SL55	-	TP55	-
56	P17	SL56	-	TP56	-
57	P16	SL57	-	TP57	-
58	P15	SL58	-	TP58	-
59	P14	SL59	-	TP59	-
60	P13	SL60	-	TP60	-
61	P12	SL61	-	TP61	-
62	P11	SL62	-	TP62	-
63	P10	SL63	-	TP63	-
64	P27	SL64	-	TP64	-
65	P26	SL65	-	TP65	-
66	P25	SL66	-	TP66	-
67	P24	SL67	-	TP67	-
68	P23	SL68	-	TP68	-
69	P22	SL69	-	TP69	-
70	P21	SL70	-	TP70	-
71	P20	SL71	-	TP71	-
72	DVSS	SL72	Remove solder	TP72	J_GND-R
73	DVCC	SL73	Remove solder	TP73	J_33V-R
74	SEG7	SL74	-	TP74	-
75	SEG6	SL75	-	TP75	-
76	SEG5	SL76	-	TP76	-
77	SEG4	SL77	-	TP77	-
78	SEG3	SL78	-	TP78	-
79	SEG2	SL79	-	TP79	-
80	SEG1	SL80	-	TP80	-
81	SEG0	SL81	-	TP81	-
82	COM3	SL82	-	TP82	-
83	COM2	SL83	-	TP83	-
84	COM1	SL84	-	TP84	-
85	COM0	SL85	-	TP85	-
86	C0	SL86	-	TP86	-
87	C1	SL87	-	TP87	-
88	V1	SL88	-	TP88	-
89	V2	SL89	-	TP89	-
90	V3	SL90	-	TP90	-
91	P50	SL91	-	TP91	-
92	P51	SL92	-	TP92	-
93	P52	SL93	-	TP93	-
94	P53	SL94	-	TP94	-
95	VREFH	SL95	Remove solder	TP95	J_33V-R
96	VREFL	SL96	Remove solder	TP96	J_GND-U
97	AVSS	SL97	Remove solder	TP97	J_33V-R
98	AVCC	SL98	Remove solder	TP98	J_GND-U
99	P80	SL99	-	TP99	-
100	P81	SL100	-	TP100	-

- Caution
- 1.No need disposal on "-" marking
  2. Basically all pins are connected to pulldown 1M-ohm factory shipped setting.
  - 3.If you use an 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.