

# TMP91FW60FG(5.0V) Wiring Table for the FLASH Writer (BM1401W0A-G)

Rev1.00  
2011/2/20

TP\_VCC\_EN: 5V Short  
TP\_PULL\_VCC\_SEL: 5V Short

Package: LQFP100(14x14)  
Product Code: BDS035

TLCS-LQFP100-PN410106

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
1	VREFH	SL1	Remove solder	TP1	J_5V-L
2	AVSS	SL2	Remove solder	TP2	J_GND-L
3	AVCC	SL3	Remove solder	TP3	J_5V-L
4	P70	SL4	-	TP4	-
5	P71	SL5	-	TP5	-
6	P72	SL6	-	TP6	-
7	P73	SL7	-	TP7	-
8	P74	SL8	-	TP8	-
9	P75	SL9	-	TP9	-
10	P80	SL10	-	TP10	-
11	P81	SL11	-	TP11	-
12	P82	SL12	-	TP12	-
13	P83	SL13	-	TP13	-
14	P84	SL14	-	TP14	-
15	P85	SL15	-	TP15	-
16	P86	SL16	-	TP16	-
17	P87	SL17	-	TP17	-
18	P90	SL18	-	TP18	-
19	P91	SL19	-	TP19	-
20	P92	SL20	-	TP20	-
21	TXD1	SL21	Remove solder	TP21	J_SIGNAL5(TxD)
22	RXD1	SL22	Remove solder	TP22	J_SIGNAL6(RxD)
23	P95	SL23	-	TP23	-
24	AM0	SL24	Remove solder	TP24	J_5V-L
25	DVCC	SL25	Remove solder	TP25	J_5V-L
26	X2	SL26	Remove solder	TP26	J_CLOCK1
27	DVSS	SL27	Remove solder	TP27	J_GND-D
28	X1	SL28	Remove solder	TP28	J_CLOCK2
29	AM1	SL29	Remove solder	TP29	J_5V-L
30	-RESET	SL30	Remove solder	TP30	J_SIGNAL4(RESET)
31	P96	SL31	-	TP31	-
32	P97	SL32	-	TP32	-
33	BOOT	SL33	Remove solder	TP33	J_GND-D
34	EMU1	SL34	Remove solder	TP34	-
35	PA0	SL35	-	TP35	-
36	PA1	SL36	-	TP36	-
37	PA2	SL37	-	TP37	-
38	PA3	SL38	-	TP38	-
39	P40	SL39	-	TP39	-
40	P41	SL40	-	TP40	-
41	P42	SL41	-	TP41	-
42	P43	SL42	-	TP42	-
43	P44	SL43	-	TP43	-
44	P00	SL44	-	TP44	-
45	P01	SL45	-	TP45	-
46	P02	SL46	-	TP46	-
47	P03	SL47	-	TP47	-
48	P04	SL48	-	TP48	-
49	P05	SL49	-	TP49	-
50	P06	SL50	-	TP50	-

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
51	P07	SL51	-	TP51	-
52	P10	SL52	-	TP52	-
53	P11	SL53	-	TP53	-
54	P12	SL54	-	TP54	-
55	P13	SL55	-	TP55	-
56	P14	SL56	-	TP56	-
57	P15	SL57	-	TP57	-
58	P16	SL58	-	TP58	-
59	P17	SL59	-	TP59	-
60	P20	SL60	-	TP60	-
61	P21	SL61	-	TP61	-
62	DVSS	SL62	Remove solder	TP62	J_GND-R
63	NMI	SL63	-	TP63	-
64	DVCC	SL64	Remove solder	TP64	J_5V-R
65	P22	SL65	-	TP65	-
66	P23	SL66	-	TP66	-
67	P24	SL67	-	TP67	-
68	P25	SL68	-	TP68	-
69	P26	SL69	-	TP69	-
70	P27	SL70	-	TP70	-
71	PZ0	SL71	Remove solder	TP71	-
72	PZ1	SL72	Remove solder	TP72	-
73	PZ2	SL73	-	TP73	-
74	PZ3	SL74	-	TP74	-
75	P30	SL75	-	TP75	-
76	P31	SL76	-	TP76	-
77	P32	SL77	-	TP77	-
78	P33	SL78	-	TP78	-
79	PB0	SL79	-	TP79	-
80	PB1	SL80	-	TP80	-
81	PB2	SL81	-	TP81	-
82	PB3	SL82	-	TP82	-
83	DVCC	SL83	Remove solder	TP83	J_5V-R
84	DVSS	SL84	Remove solder	TP84	J_GND-U
85	P50	SL85	-	TP85	-
86	P51	SL86	-	TP86	-
87	P52	SL87	-	TP87	-
88	P53	SL88	-	TP88	-
89	P54	SL89	-	TP89	-
90	P55	SL90	-	TP90	-
91	P56	SL91	-	TP91	-
92	P57	SL92	-	TP92	-
93	P60	SL93	-	TP93	-
94	P61	SL94	-	TP94	-
95	P62	SL95	-	TP95	-
96	P63	SL96	-	TP96	-
97	P64	SL97	-	TP97	-
98	P65	SL98	-	TP98	-
99	P66	SL99	-	TP99	-
100	P67	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.