

# TMP91FY28FG(2.5V) Wiring Table for the FLASH Writer (BM1401W0A-G)

Rev1.00  
2011/2/20

TP\_VCC\_EN: 2.5V Short  
TP\_PULL\_VCC\_SEL: 2.5V Short

Package: LQFP100(14x14)  
Product Code: BDS035

TLCS-LQFP100-PN410106

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
1	VREFL	SL1	Remove solder	TP1	J_GND-L
2	AVSS	SL2	Remove solder	TP2	J_GND-L
3	AVCC	SL3	Remove solder	TP3	J_25V-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	TXD	SL21	Remove solder	TP21	J_SIGNAL5(TxD)
22	RXD	SL22	Remove solder	TP22	J_SIGNAL6(RxD)
23	P95	SL23	-	TP23	-
24	AM0	SL24	Remove solder	TP24	J_25V-L
25	DVCC	SL25	Remove solder	TP25	J_25V-L
26	X2	SL26	Remove solder	TP26	J_CLOCK1
27	DVSS	SL27	Remove solder	TP27	J_GND-L
28	X1	SL28	Remove solder	TP28	J_CLOCK2
29	AM1	SL29	Remove solder	TP29	J_25V-L
30	-RESET	SL30	Remove solder	TP30	J_SIGNAL4(RESET)
31	P96	SL31	-	TP31	-
32	WAKE	SL32	Remove solder	TP32	-
33	EMU0	SL33	Remove solder	TP33	-
34	EMU1	SL34	Remove solder	TP34	-
35	PA0	SL35	-	TP35	-
36	PA1	SL36	-	TP36	-
37	PA2	SL37	-	TP37	-
38	PA3	SL38	-	TP38	-
39	PA4	SL39	-	TP39	-
40	PA5	SL40	-	TP40	-
41	PA6	SL41	-	TP41	-
42	PA7	SL42	-	TP42	-
43	ALE	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	Remove solder	TP63	Pull-up
64	DVCC	SL64	Remove solder	TP64	J_25V-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	P30	SL71	-	TP71	-
72	P31	SL72	-	TP72	-
73	P32	SL73	-	TP73	-
74	P33	SL74	-	TP74	-
75	P34	SL75	-	TP75	-
76	P35	SL76	-	TP76	-
77	P36	SL77	-	TP77	-
78	P37	SL78	Remove solder	TP78	J_GND-R
79	P40	SL79	-	TP79	-
80	P41	SL80	-	TP80	-
81	P42	SL81	-	TP81	-
82	P43	SL82	-	TP82	-
83	P60	SL83	-	TP83	-
84	P61	SL84	-	TP84	-
85	P62	SL85	-	TP85	-
86	P63	SL86	-	TP86	-
87	P64	SL87	-	TP87	-
88	P65	SL88	-	TP88	-
89	DVCC	SL89	Remove solder	TP89	J_25V-R
90	P66	SL90	-	TP90	-
91	DVSS	SL91	Remove solder	TP91	J_GND-R
92	P50	SL92	-	TP92	-
93	P51	SL93	-	TP93	-
94	P52	SL94	-	TP94	-
95	P53	SL95	-	TP95	-
96	P54	SL96	-	TP96	-
97	P55	SL97	-	TP97	-
98	P56	SL98	-	TP98	-
99	P57	SL99	-	TP99	-
100	VREFH	SL100	Remove solder	TP100	J_25V-R

- 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.