

# TMP91FW64DFG(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: QFP100(14x20)  
Product Code: BDS040

TLCS-QFP100-PN410111

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
1	P66	SL1	-	TP1	-
2	P67	SL2	-	TP2	-
3	VREFH	SL3	Remove solder	TP3	J_5V-L
4	AVSS	SL4	Remove solder	TP4	J_GND-L
5	AVCC	SL5	Remove solder	TP5	J_5V-L
6	P70	SL6	-	TP6	-
7	P71	SL7	-	TP7	-
8	P72	SL8	-	TP8	-
9	P73	SL9	-	TP9	-
10	P74	SL10	-	TP10	-
11	P75	SL11	-	TP11	-
12	P80	SL12	-	TP12	-
13	P81	SL13	-	TP13	-
14	P82	SL14	-	TP14	-
15	P83	SL15	-	TP15	-
16	P84	SL16	-	TP16	-
17	P85	SL17	-	TP17	-
18	P86	SL18	-	TP18	-
19	P87	SL19	-	TP19	-
20	P90	SL20	-	TP20	-
21	P91	SL21	-	TP21	-
22	P92	SL22	-	TP22	-
23	TXD1	SL23	Remove solder	TP23	J_SIGNAL5(TxD)
24	RXD1	SL24	Remove solder	TP24	J_SIGNAL6(RxD)
25	P95	SL25	-	TP25	-
26	AM0	SL26	Remove solder	TP26	J_5V-L
27	DVCC	SL27	Remove solder	TP27	J_5V-L
28	X2	SL28	Remove solder	TP28	J_CLOCK1
29	DVSS	SL29	Remove solder	TP29	J_GND-L
30	X1	SL30	Remove solder	TP30	J_CLOCK2
31	AM1	SL31	Remove solder	TP31	J_5V-L
32	RESET	SL32	Remove solder	TP32	J_SIGNAL4(RESET)
33	P96	SL33	-	TP33	-
34	P97	SL34	-	TP34	-
35	BOOT	SL35	Remove solder	TP35	J_GND-D
36	EMU1	SL36	Remove solder	TP36	-
37	PA0	SL37	-	TP37	-
38	PA1	SL38	-	TP38	-
39	PA2	SL39	-	TP39	-
40	PA3	SL40	-	TP40	-
41	P40	SL41	-	TP41	-
42	P41	SL42	-	TP42	-
43	P42	SL43	-	TP43	-
44	P43	SL44	-	TP44	-
45	P44	SL45	-	TP45	-
46	P00	SL46	-	TP46	-
47	P01	SL47	-	TP47	-
48	P02	SL48	-	TP48	-
49	P03	SL49	-	TP49	-
50	P04	SL50	-	TP50	-

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
51	P05	SL51	-	TP51	-
52	P06	SL52	-	TP52	-
53	P07	SL53	-	TP53	-
54	P10	SL54	-	TP54	-
55	P11	SL55	-	TP55	-
56	P12	SL56	-	TP56	-
57	P13	SL57	-	TP57	-
58	P14	SL58	-	TP58	-
59	P15	SL59	-	TP59	-
60	P16	SL60	-	TP60	-
61	P17	SL61	-	TP61	-
62	P20	SL62	-	TP62	-
63	P21	SL63	-	TP63	-
64	DVSS	SL64	Remove solder	TP64	J_GND-R
65	NMI	SL65	-	TP65	-
66	DVCC	SL66	Remove solder	TP66	J_5V-R
67	P22	SL67	-	TP67	-
68	P23	SL68	-	TP68	-
69	P24	SL69	-	TP69	-
70	P25	SL70	-	TP70	-
71	P26	SL71	-	TP71	-
72	P27	SL72	-	TP72	-
73	PZ0	SL73	Remove solder	TP73	-
74	PZ1	SL74	Remove solder	TP74	-
75	PZ2	SL75	-	TP75	-
76	PZ3	SL76	-	TP76	-
77	P30	SL77	-	TP77	-
78	P31	SL78	-	TP78	-
79	P32	SL79	-	TP79	-
80	P33	SL80	-	TP80	-
81	PB0	SL81	-	TP81	-
82	PB1	SL82	-	TP82	-
83	PB2	SL83	-	TP83	-
84	PB3	SL84	-	TP84	-
85	DVCC	SL85	Remove solder	TP85	J_5V-R
86	DVSS	SL86	Remove solder	TP86	J_GND-U
87	P50	SL87	-	TP87	-
88	P51	SL88	-	TP88	-
89	P52	SL89	-	TP89	-
90	P53	SL90	-	TP90	-
91	P54	SL91	-	TP91	-
92	P55	SL92	-	TP92	-
93	P56	SL93	-	TP93	-
94	P57	SL94	-	TP94	-
95	P60	SL95	-	TP95	-
96	P61	SL96	-	TP96	-
97	P62	SL97	-	TP97	-
98	P63	SL98	-	TP98	-
99	P64	SL99	-	TP99	-
100	P65	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.