

# TMP88FW45AFG(5V) 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: QFP80(14x20)  
Product Code: BDS033

TLCS-QFP80-PN410104

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_5V-L
5	VDD	SL5	Remove solder	TP5	J_5V-L
6	P21	SL6	-	TP6	-
7	P22	SL7	-	TP7	-
8	-RESET	SL8	Remove solder	TP8	J_SIGNAL4(RESET)
9	P20	SL9	-	TP9	-
10	P30	SL10	-	TP10	-
11	P31	SL11	-	TP11	-
12	P32	SL12	-	TP12	-
13	P33	SL13	-	TP13	-
14	P34	SL14	-	TP14	-
15	P35	SL15	-	TP15	-
16	P36	SL16	-	TP16	-
17	P37	SL17	-	TP17	-
18	P40	SL18	-	TP18	-
19	P41	SL19	-	TP19	-
20	P42	SL20	-	TP20	-
21	P43	SL21	-	TP21	-
22	P44(RXD)	SL22	Remove solder	TP22	J_SIGNAL6(RxD), Pull-up
23	P45(TXD)	SL23	Remove solder	TP23	J_SIGNAL5(TxD), Pull-up
24	P46	SL24	-	TP24	-
25	P47	SL25	-	TP25	-
26	P60	SL26	-	TP26	-
27	P61	SL27	-	TP27	-
28	P62	SL28	-	TP28	-
29	P63	SL29	-	TP29	-
30	P64	SL30	-	TP30	-
31	P65	SL31	-	TP31	-
32	P66	SL32	-	TP32	-
33	P67	SL33	-	TP33	-
34	P70	SL34	-	TP34	-
35	P71	SL35	-	TP35	-
36	P72	SL36	-	TP36	-
37	P73	SL37	-	TP37	-
38	P74	SL38	-	TP38	-
39	P75	SL39	-	TP39	-
40	P76	SL40	-	TP40	-

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
41	P77	SL41	-	TP41	-
42	VAREF	SL42	Remove solder	TP42	J_5V-R
43	AVDD	SL43	Remove solder	TP43	J_5V-R
44	AVSS	SL44	Remove solder	TP44	J_GND-R
45	P80	SL45	-	TP45	-
46	P81	SL46	-	TP46	-
47	P82	SL47	-	TP47	-
48	P83	SL48	-	TP48	-
49	P84	SL49	-	TP49	-
50	P85	SL50	-	TP50	-
51	P86	SL51	-	TP51	-
52	P87	SL52	-	TP52	-
53	P90	SL53	-	TP53	-
54	P91	SL54	-	TP54	-
55	P92	SL55	-	TP55	-
56	P93	SL56	-	TP56	-
57	P94	SL57	-	TP57	-
58	P95	SL58	-	TP58	-
59	P96	SL59	-	TP59	-
60	P97	SL60	-	TP60	-
61	P00	SL61	-	TP61	-
62	P01	SL62	-	TP62	-
63	P02	SL63	-	TP63	-
64	P03	SL64	-	TP64	-
65	P10	SL65	Remove solder	TP65	J_GND-U
66	P11	SL66	Remove solder	TP66	J_GND-U
67	P12	SL67	-	TP67	-
68	P13	SL68	-	TP68	-
69	P14	SL69	-	TP69	-
70	P15	SL70	-	TP70	-
71	P16	SL71	-	TP71	-
72	P17	SL72	-	TP72	-
73	P50	SL73	-	TP73	-
74	P51	SL74	-	TP74	-
75	P52	SL75	-	TP75	-
76	P53	SL76	-	TP76	-
77	P54	SL77	-	TP77	-
78	P55	SL78	-	TP78	-
79	P56	SL79	-	TP79	-
80	P57	SL80	-	TP80	-

- 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.