

# TMP86FM48FG(3.3V) Wiring Table for the FLASH Writer (BM1401W0A-G)

Rev1.00  
2011/2/18

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

Package: QFP64(14x14)  
Product Code: BDS037

TLCS-QFP64-PN410108

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_GND-L
5	VDD	SL5	Remove solder	TP5	J_33V-L
6	P21	SL6	-	TP6	-
7	P22	SL7	-	TP7	-
8	-RESET	SL8	Remove solder	TP8	J_SIGNAL4(RESET)
9	P20	SL9	-	TP9	-
10	P10	SL10	-	TP10	-
11	P11	SL11	-	TP11	-
12	P12	SL12	-	TP12	-
13	P13	SL13	-	TP13	-
14	P14	SL14	-	TP14	-
15	P15	SL15	-	TP15	-
16	P16	SL16	-	TP16	-
17	P17	SL17	-	TP17	-
18	P00	SL18	-	TP18	-
19	P01	SL19	-	TP19	-
20	P02	SL20	-	TP20	-
21	P03	SL21	-	TP21	-
22	P04	SL22	-	TP22	-
23	RXD	SL23	Remove solder	TP23	J_SIGNAL6(RxD)
24	TXD	SL24	Remove solder	TP24	J_SIGNAL5(TxD)
25	P07	SL25	-	TP25	-
26	P50	SL26	-	TP26	-
27	P51	SL27	-	TP27	-
28	P52	SL28	-	TP28	-
29	BOOT	SL29	Remove solder	TP29	J_33V-L
30	AVSS	SL30	Remove solder	TP30	J_GND-D
31	VAREF	SL31	Remove solder	TP31	J_33V-L
32	AVDD	SL32	Remove solder	TP32	J_33V-L

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
33	P60	SL33	-	TP33	-
34	P61	SL34	-	TP34	-
35	P62	SL35	-	TP35	-
36	P63	SL36	-	TP36	-
37	P64	SL37	-	TP37	-
38	P65	SL38	-	TP38	-
39	P66	SL39	-	TP39	-
40	P67	SL40	-	TP40	-
41	P70	SL41	-	TP41	-
42	P71	SL42	-	TP42	-
43	P72	SL43	-	TP43	-
44	P73	SL44	-	TP44	-
45	P74	SL45	-	TP45	-
46	P75	SL46	-	TP46	-
47	P76	SL47	-	TP47	-
48	P77	SL48	-	TP48	-
49	P80	SL49	-	TP49	-
50	P81	SL50	-	TP50	-
51	P82	SL51	-	TP51	-
52	P83	SL52	-	TP52	-
53	P84	SL53	-	TP53	-
54	P85	SL54	-	TP54	-
55	P86	SL55	-	TP55	-
56	P87	SL56	-	TP56	-
57	P30	SL57	-	TP57	-
58	P31	SL58	-	TP58	-
59	P32	SL59	-	TP59	-
60	P33	SL60	-	TP60	-
61	P34	SL61	-	TP61	-
62	P35	SL62	-	TP62	-
63	P36	SL63	-	TP63	-
64	P37	SL64	-	TP64	-

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