

## TMP86FH47ADUG(5.0V) Wiring Table for the FLASH Writer (BM1401W0A-G)

Rev1.00  
2011/2/18

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

Package: LQFP48 (7 x 7)  
Product Code: BDS041

TLCS-LQFP48-PN410115

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	P00	SL10	-	TP10	-
11	P01	SL11	-	TP11	-
12	N.C.	SL12	-	TP12	-
13	RXD	SL13	Remove solder	TP13	J_SIGNAL6(RxD), Pull-up
14	TXD	SL14	Remove solder	TP14	J_SIGNAL5(TxD), Pull-up
15	P04	SL15	-	TP15	-
16	P05	SL16	-	TP16	-
17	P06	SL17	-	TP17	-
18	P07	SL18	-	TP18	-
19	P17	SL19	-	TP19	-
20	P16	SL20	-	TP20	-
21	P15	SL21	-	TP21	-
22	P14	SL22	-	TP22	-
23	P13	SL23	-	TP23	-
24	N.C.	SL24	-	TP24	-
25	P12	SL25	-	TP25	-
26	P11	SL26	-	TP26	-
27	P10	SL27	-	TP27	-
28	P30	SL28	-	TP28	-
29	P31	SL29	-	TP29	-
30	P32	SL30	-	TP30	-
31	P33	SL31	-	TP31	-
32	P34	SL32	-	TP32	-
33	P35	SL33	-	TP33	-
34	P36	SL34	-	TP34	-
35	P37	SL35	-	TP35	-
36	N.C.	SL36	-	TP36	-
37	VAREF	SL37	Remove solder	TP37	J_5V-R
38	AVDD	SL38	Remove solder	TP38	J_5V-R
39	AVSS	SL39	Remove solder	TP39	J_GND-U
40	P40	SL40	-	TP40	-
41	P41	SL41	-	TP41	-
42	P42	SL42	-	TP42	-
43	P43	SL43	-	TP43	-
44	P44	SL44	-	TP44	-
45	P45	SL45	-	TP45	-
46	P46	SL46	-	TP46	-
47	P47	SL47	-	TP47	-
48	N.C.	SL48	-	TP48	-

- 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.