

# TMP89FM46ADUG(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: 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	MODE	SL4	Remove solder	TP4	J_SIGNAL4(RESET)
5	VDD	SL5	Remove solder	TP5	J_5V-L
6	P02	SL6	-	TP6	-
7	P03	SL7	-	TP7	-
8	-RESET	SL8	Remove solder	TP8	J_SIGNAL4(RESET)
9	P11	SL9	-	TP9	-
10	P12	SL10	-	TP10	-
11	P13	SL11	-	TP11	-
12	TXD0	SL12	Remove solder	TP12	J_SIGNAL5(TxD), Pull-up
13	RXD0	SL13	Remove solder	TP13	J_SIGNAL6(RxD), Pull-up
14	P22	SL14	-	TP14	-
15	P23	SL15	-	TP15	-
16	P24	SL16	-	TP16	-
17	P25	SL17	-	TP17	-
18	P26	SL18	-	TP18	-
19	P27	SL19	-	TP19	-
20	AVSS	SL20	Remove solder	TP20	J_GND-L
21	AVDD	SL21	Remove solder	TP21	J_5V-R
22	VAREF	SL22	Remove solder	TP22	J_5V-R
23	P40	SL23	-	TP23	-
24	P41	SL24	-	TP24	-
25	P42	SL25	-	TP25	-
26	P43	SL26	-	TP26	-
27	P44	SL27	-	TP27	-
28	P45	SL28	-	TP28	-
29	P46	SL29	-	TP29	-
30	P47	SL30	-	TP30	-
31	P74	SL31	-	TP31	-
32	P75	SL32	-	TP32	-
33	P76	SL33	-	TP33	-
34	P77	SL34	-	TP34	-
35	P90	SL35	-	TP35	-
36	P91	SL36	-	TP36	-
37	P80	SL37	-	TP37	-
38	P81	SL38	-	TP38	-
39	P82	SL39	-	TP39	-
40	P83	SL40	-	TP40	-
41	P70	SL41	-	TP41	-
42	P71	SL42	-	TP42	-
43	P72	SL43	-	TP43	-
44	P73	SL44	-	TP44	-
45	PB4	SL45	-	TP45	-
46	PB5	SL46	-	TP46	-
47	PB6	SL47	-	TP47	-
48	PB7	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 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.