

## TMP89FH00DUG(3.3V) Wiring Table for the FLASH Writer (BM1401W0A-G)

Rev1.00  
2011/2/20

TP\_VCC\_EN: 3.3V Short  
TP\_PULL\_VCC\_SEL: 3.3V 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	NC	SL2	-	TP2	-
3	Reserved	SL3	-	TP3	-
4	MODE	SL4	Remove solder	TP4	J_SIGNAL4(RESET) *4
5	VDD	SL5	Remove solder	TP5	J_33V-L
6	NC	SL6	-	TP6	-
7	-RESET	SL7	Remove solder	TP7	J_SIGNAL4(RESET) *4
8	P11	SL8	-	TP8	-
9	P20	SL9	Remove solder	TP9	J_SIGNAL5(TxD), Pull-up
10	P21	SL10	Remove solder	TP10	J_SIGNAL6(RxD), Pull-up
11	Reserved	SL11	-	TP11	-
12	NC	SL12	-	TP12	-
13	NC	SL13	-	TP13	-
14	PVDD	SL14	Remove solder	TP14	J_33V-L
15	P22	SL15	-	TP15	-
16	P23	SL16	-	TP16	-
17	P24	SL17	-	TP17	-
18	P40	SL18	Remove solder	TP18	Pull-up
19	P47	SL19	-	TP19	-
20	P46	SL20	-	TP20	-
21	P45	SL21	-	TP21	-
22	P44	SL22	-	TP22	-
23	P43	SL23	-	TP23	-
24	NC	SL24	-	TP24	-
25	NC	SL25	-	TP25	-
26	P42	SL26	-	TP26	-
27	P41	SL27	-	TP27	-
28	Reserved	SL28	-	TP28	-
29	NC	SL29	-	TP29	-
30	VAREF/ AVDD	SL30	Remove solder	TP30	J_33V-R
31	AVSS	SL31	Remove solder	TP31	J_GND-R
32	LPF	SL32	-	TP32	-
33	NC	SL33	-	TP33	-
34	Reserved	SL34	-	TP34	-
35	Reserved	SL35	-	TP35	-
36	Reserved	SL36	-	TP36	-
37	NC	SL37	-	TP37	-
38	SNINP4	SL38	-	TP38	-
39	SNINN4	SL39	-	TP39	-
40	SNINP2	SL40	-	TP40	-
41	SNINN1	SL41	-	TP41	-
42	SNINP3	SL42	-	TP42	-
43	Reserved	SL43	-	TP43	-
44	SNINN2	SL44	-	TP44	-
45	SNINP1	SL45	-	TP45	-
46	SPWOUT	SL46	Remove solder	TP46	-
47	SNINN3	SL47	-	TP47	-
48	NC	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 oscilator , 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.