

# TMP89FW20UG(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: LQFP64(10x10)  
Product Code: BDS034

TLCS-LQFP64-PN410105A

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
1	VDD	SL1	Remove solder	TP1	J_5V-L
2	XIN	SL2	Remove solder	TP2	J_CLOCK2
3	VSS	SL3	Remove solder	TP3	J_GND-L
4	XOUT	SL4	Remove solder	TP4	J_CLOCK1
5	-RESET	SL5	Remove solder	TP5	J_SIGNAL4(RESET)
6	P02	SL6	-	TP6	-
7	P03	SL7	-	TP7	-
8	MODE	SL8	Remove solder	TP8	J_SIGNAL4(RESET)
9	AVSS	SL9	Remove solder	TP9	J_GND-L
10	AVDD	SL10	Remove solder	TP10	J_5V-L
11	VAREF	SL11	Remove solder	TP11	-
12	P40	SL12	-	TP12	-
13	P41	SL13	-	TP13	-
14	P42	SL14	-	TP14	-
15	P43	SL15	-	TP15	-
16	P44	SL16	-	TP16	-
17	P45	SL17	-	TP17	-
18	P46	SL18	-	TP18	-
19	P47	SL19	-	TP19	-
20	VLC	SL20	Remove solder	TP20	J_5V-L
21	P12	SL21	-	TP21	-
22	P13	SL22	-	TP22	-
23	TXD0	SL23	Remove solder	TP23	J_SIGNAL6(RxD), Pull-up
24	RXD0	SL24	Remove solder	TP24	J_SIGNAL5(TxD), Pull-up
25	P22	SL25	-	TP25	-
26	P23	SL26	-	TP26	-
27	P24	SL27	-	TP27	-
28	P25	SL28	-	TP28	-
29	P50	SL29	-	TP29	-
30	P51	SL30	-	TP30	-
31	P52	SL31	-	TP31	-
32	P53	SL32	-	TP32	-

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
33	P54	SL33	-	TP33	-
34	P55	SL34	-	TP34	-
35	P56	SL35	-	TP35	-
36	P57	SL36	-	TP36	-
37	P60	SL37	-	TP37	-
38	P61	SL38	-	TP38	-
39	P62	SL39	-	TP39	-
40	P63	SL40	-	TP40	-
41	P64	SL41	-	TP41	-
42	P65	SL42	-	TP42	-
43	P66	SL43	-	TP43	-
44	P67	SL44	-	TP44	-
45	P70	SL45	-	TP45	-
46	P71	SL46	-	TP46	-
47	P72	SL47	-	TP47	-
48	P73	SL48	-	TP48	-
49	P74	SL49	-	TP49	-
50	P75	SL50	-	TP50	-
51	P76	SL51	-	TP51	-
52	P77	SL52	-	TP52	-
53	COM0	SL53	Remove solder	TP53	-
54	COM1	SL54	Remove solder	TP54	-
55	COM2	SL55	Remove solder	TP55	-
56	COM3	SL56	Remove solder	TP56	-
57	P90	SL57	-	TP57	-
58	P91	SL58	-	TP58	-
59	P92	SL59	-	TP59	-
60	P93	SL60	-	TP60	-
61	P94	SL61	-	TP61	-
62	P95	SL62	-	TP62	-
63	P96	SL63	-	TP63	-
64	P97	SL64	-	TP64	-

- Caution
- 1.No need disposal on "-" marking
  2. Basically all pins are connected to pulldown 1M-ohm on 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.