

# TMP86FS49AFG(5V) 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: 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_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	RXD1	SL11	Remove solder	TP11	J_SIGNAL6(RxD), Pull-up
12	TXD1	SL12	Remove solder	TP12	J_SIGNAL5(TxD), Pull-up
13	P03	SL13	-	TP13	-
14	P04	SL14	-	TP14	-
15	P05	SL15	-	TP15	-
16	P06	SL16	-	TP16	-
17	P07	SL17	-	TP17	-
18	VAREF	SL18	Remove solder	TP18	J_5V-L
19	AVDD	SL19	Remove solder	TP19	J_5V-L
20	P60	SL20	-	TP20	-
21	P61	SL21	-	TP21	-
22	P62	SL22	-	TP22	-
23	P63	SL23	-	TP23	-
24	P64	SL24	-	TP24	-
25	P65	SL25	-	TP25	-
26	P66	SL26	-	TP26	-
27	P67	SL27	-	TP27	-
28	P70	SL28	-	TP28	-
29	P71	SL29	-	TP29	-
30	P72	SL30	-	TP30	-
31	P73	SL31	-	TP31	-
32	P74	SL32	-	TP32	-

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
33	P75	SL33	-	TP33	-
34	P76	SL34	-	TP34	-
35	P77	SL35	-	TP35	-
36	P40	SL36	-	TP36	-
37	P41	SL37	-	TP37	-
38	P42	SL38	-	TP38	-
39	P43	SL39	-	TP39	-
40	P44	SL40	-	TP40	-
41	P45	SL41	-	TP41	-
42	P46	SL42	-	TP42	-
43	P47	SL43	-	TP43	-
44	P10	SL44	-	TP44	-
45	P11	SL45	-	TP45	-
46	P12	SL46	-	TP46	-
47	P13	SL47	-	TP47	-
48	P14	SL48	-	TP48	-
49	P15	SL49	-	TP49	-
50	P16	SL50	-	TP50	-
51	P17	SL51	-	TP51	-
52	P50	SL52	-	TP52	-
53	P51	SL53	-	TP53	-
54	P52	SL54	-	TP54	-
55	P53	SL55	-	TP55	-
56	P54	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 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.