

# TMP86FM29F(3.3V) Wiring Table for the FLASH Writer (BM1401W0A-G)

Rev1.00  
2011/2/18

TP\_VCC\_EN: 3.3V Short  
TP\_PULL\_VCC\_SEL: 3.3V 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_SIGNAL4(RESET) through the schmitt buffer
5	VDD	SL5	Remove solder	TP5	J_33V-L
6	P21	SL6	-	TP6	-
7	P22	SL7	-	TP7	-
8	-RESET	SL8	Remove solder	TP8	J_SIGNAL4(RESET) through the schmitt buffer
9	P20	SL9	-	TP9	-
10	P60	SL10	-	TP10	-
11	P61	SL11	-	TP11	-
12	P62	SL12	-	TP12	-
13	P63	SL13	-	TP13	-
14	P64	SL14	-	TP14	-
15	P65	SL15	-	TP15	-
16	P66	SL16	-	TP16	-
17	P67	SL17	-	TP17	-
18	VAREF	SL18	Remove solder	TP18	J_33V-L
19	AVDD	SL19	Remove solder	TP19	J_33V-L
20	P10	SL20	-	TP20	-
21	P11	SL21	Remove solder	TP21	J_GND-L
22	P12	SL22	-	TP22	-
23	P13	SL23	-	TP23	-
24	P14	SL24	-	TP24	-
25	RXD	SL25	Remove solder	TP25	J_SIGNAL6(RxD), Pull-up
26	TXD	SL26	Remove solder	TP26	J_SIGNAL5(TxD), Pull-up
27	P17	SL27	-	TP27	-
28	P50	SL28	-	TP28	-
29	P51	SL29	-	TP29	-
30	P52	SL30	-	TP30	-
31	P53	SL31	-	TP31	-
32	P54	SL32	-	TP32	-

Pin No.	Pin Name	Board Pin No.	Disposal	Board TP Pin No.	Connect
33	P55	SL33	-	TP33	-
34	P56	SL34	-	TP34	-
35	P57	SL35	-	TP35	-
36	P70	SL36	-	TP36	-
37	P71	SL37	-	TP37	-
38	P72	SL38	-	TP38	-
39	P73	SL39	-	TP39	-
40	P74	SL40	-	TP40	-
41	P75	SL41	-	TP41	-
42	P76	SL42	-	TP42	-
43	P77	SL43	-	TP43	-
44	SEG7	SL44	Remove solder	TP44	-
45	SEG6	SL45	Remove solder	TP45	-
46	SEG5	SL46	Remove solder	TP46	-
47	SEG4	SL47	Remove solder	TP47	-
48	SEG3	SL48	Remove solder	TP48	-
49	SEG2	SL49	Remove solder	TP49	-
50	SEG1	SL50	Remove solder	TP50	-
51	SEG0	SL51	Remove solder	TP51	-
52	COM3	SL52	Remove solder	TP52	-
53	COM2	SL53	Remove solder	TP53	-
54	COM1	SL54	Remove solder	TP54	-
55	COM0	SL55	Remove solder	TP55	-
56	V3	SL56	Remove solder	TP56	-
57	V2	SL57	Remove solder	TP57	-
58	V1	SL58	Remove solder	TP58	-
59	C1	SL59	Remove solder	TP59	-
60	C0	SL60	Remove solder	TP60	-
61	P30	SL61	-	TP61	-
62	P31	SL62	-	TP62	-
63	P32	SL63	-	TP63	-
64	P33	SL64	-	TP64	-

- 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.
  - 5.Connect "TEST","RESET"pins as following figure.

