

TMP86FM48F(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_GND-L |
| 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) |
| 9 | P20 | SL9 | - | TP9 | - |
| 10 | P10 | SL10 | - | TP10 | - |
| 11 | P11 | SL11 | - | TP11 | - |
| 12 | P12 | SL12 | - | TP12 | - |
| 13 | P13 | SL13 | - | TP13 | - |
| 14 | P14 | SL14 | - | TP14 | - |
| 15 | P15 | SL15 | - | TP15 | - |
| 16 | P16 | SL16 | - | TP16 | - |
| 17 | P17 | SL17 | - | TP17 | - |
| 18 | P00 | SL18 | - | TP18 | - |
| 19 | P01 | SL19 | - | TP19 | - |
| 20 | P02 | SL20 | - | TP20 | - |
| 21 | P03 | SL21 | - | TP21 | - |
| 22 | P04 | SL22 | - | TP22 | - |
| 23 | RXD | SL23 | Remove solder | TP23 | J_SIGNAL6(RxD) |
| 24 | TXD | SL24 | Remove solder | TP24 | J_SIGNAL5(TxD) |
| 25 | P07 | SL25 | - | TP25 | - |
| 26 | P50 | SL26 | - | TP26 | - |
| 27 | P51 | SL27 | - | TP27 | - |
| 28 | P52 | SL28 | - | TP28 | - |
| 29 | BOOT | SL29 | Remove solder | TP29 | J_33V-L |
| 30 | AVSS | SL30 | Remove solder | TP30 | J_GND-D |
| 31 | VAREF | SL31 | Remove solder | TP31 | J_33V-L |
| 32 | AVDD | SL32 | Remove solder | TP32 | J_33V-L |

| Pin No. | Pin Name | Board Pin No. | Disposal | Board TP Pin No. | Connect |
|---------|----------|---------------|----------|------------------|---------|
| 33 | P60 | SL33 | - | TP33 | - |
| 34 | P61 | SL34 | - | TP34 | - |
| 35 | P62 | SL35 | - | TP35 | - |
| 36 | P63 | SL36 | - | TP36 | - |
| 37 | P64 | SL37 | - | TP37 | - |
| 38 | P65 | SL38 | - | TP38 | - |
| 39 | P66 | SL39 | - | TP39 | - |
| 40 | P67 | SL40 | - | TP40 | - |
| 41 | P70 | SL41 | - | TP41 | - |
| 42 | P71 | SL42 | - | TP42 | - |
| 43 | P72 | SL43 | - | TP43 | - |
| 44 | P73 | SL44 | - | TP44 | - |
| 45 | P74 | SL45 | - | TP45 | - |
| 46 | P75 | SL46 | - | TP46 | - |
| 47 | P76 | SL47 | - | TP47 | - |
| 48 | P77 | SL48 | - | TP48 | - |
| 49 | P80 | SL49 | - | TP49 | - |
| 50 | P81 | SL50 | - | TP50 | - |
| 51 | P82 | SL51 | - | TP51 | - |
| 52 | P83 | SL52 | - | TP52 | - |
| 53 | P84 | SL53 | - | TP53 | - |
| 54 | P85 | SL54 | - | TP54 | - |
| 55 | P86 | SL55 | - | TP55 | - |
| 56 | P87 | 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 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.