

TMP91FY28F(2.5V) Wiring Table for the FLASH Writer (BM1401W0A-G)

Rev1.00
2011/2/20

TP_VCC_EN: 2.5V Short
TP_PULL_VCC_SEL: 2.5V Short

Package: LQFP100(14x14)
Product Code: BDS035

TLCS-LQFP100-PN410106

| Pin No. | Pin Name | Board Pin No. | Disposal | Board TP Pin No. | Connect |
|---------|----------|---------------|---------------|------------------|------------------|
| 1 | VREFL | SL1 | Remove solder | TP1 | J_GND-L |
| 2 | AVSS | SL2 | Remove solder | TP2 | J_GND-L |
| 3 | AVCC | SL3 | Remove solder | TP3 | J_25V-L |
| 4 | P70 | SL4 | - | TP4 | - |
| 5 | P71 | SL5 | - | TP5 | - |
| 6 | P72 | SL6 | - | TP6 | - |
| 7 | P73 | SL7 | - | TP7 | - |
| 8 | P74 | SL8 | - | TP8 | - |
| 9 | P75 | SL9 | - | TP9 | - |
| 10 | P80 | SL10 | - | TP10 | - |
| 11 | P81 | SL11 | - | TP11 | - |
| 12 | P82 | SL12 | - | TP12 | - |
| 13 | P83 | SL13 | - | TP13 | - |
| 14 | P84 | SL14 | - | TP14 | - |
| 15 | P85 | SL15 | - | TP15 | - |
| 16 | P86 | SL16 | - | TP16 | - |
| 17 | P87 | SL17 | - | TP17 | - |
| 18 | P90 | SL18 | - | TP18 | - |
| 19 | P91 | SL19 | - | TP19 | - |
| 20 | P92 | SL20 | - | TP20 | - |
| 21 | TXD | SL21 | Remove solder | TP21 | J_SIGNAL5(TxD) |
| 22 | RXD | SL22 | Remove solder | TP22 | J_SIGNAL6(RxD) |
| 23 | P95 | SL23 | - | TP23 | - |
| 24 | AM0 | SL24 | Remove solder | TP24 | J_25V-L |
| 25 | DVCC | SL25 | Remove solder | TP25 | J_25V-L |
| 26 | X2 | SL26 | Remove solder | TP26 | J_CLOCK1 |
| 27 | DVSS | SL27 | Remove solder | TP27 | J_GND-L |
| 28 | X1 | SL28 | Remove solder | TP28 | J_CLOCK2 |
| 29 | AM1 | SL29 | Remove solder | TP29 | J_25V-L |
| 30 | -RESET | SL30 | Remove solder | TP30 | J_SIGNAL4(RESET) |
| 31 | P96 | SL31 | - | TP31 | - |
| 32 | WAKE | SL32 | Remove solder | TP32 | - |
| 33 | EMU0 | SL33 | Remove solder | TP33 | - |
| 34 | EMU1 | SL34 | Remove solder | TP34 | - |
| 35 | PA0 | SL35 | - | TP35 | - |
| 36 | PA1 | SL36 | - | TP36 | - |
| 37 | PA2 | SL37 | - | TP37 | - |
| 38 | PA3 | SL38 | - | TP38 | - |
| 39 | PA4 | SL39 | - | TP39 | - |
| 40 | PA5 | SL40 | - | TP40 | - |
| 41 | PA6 | SL41 | - | TP41 | - |
| 42 | PA7 | SL42 | - | TP42 | - |
| 43 | ALE | SL43 | - | TP43 | - |
| 44 | P00 | SL44 | - | TP44 | - |
| 45 | P01 | SL45 | - | TP45 | - |
| 46 | P02 | SL46 | - | TP46 | - |
| 47 | P03 | SL47 | - | TP47 | - |
| 48 | P04 | SL48 | - | TP48 | - |
| 49 | P05 | SL49 | - | TP49 | - |
| 50 | P06 | SL50 | - | TP50 | - |

| Pin No. | Pin Name | Board Pin No. | Disposal | Board TP Pin No. | Connect |
|---------|----------|---------------|---------------|------------------|---------|
| 51 | P07 | SL51 | - | TP51 | - |
| 52 | P10 | SL52 | - | TP52 | - |
| 53 | P11 | SL53 | - | TP53 | - |
| 54 | P12 | SL54 | - | TP54 | - |
| 55 | P13 | SL55 | - | TP55 | - |
| 56 | P14 | SL56 | - | TP56 | - |
| 57 | P15 | SL57 | - | TP57 | - |
| 58 | P16 | SL58 | - | TP58 | - |
| 59 | P17 | SL59 | - | TP59 | - |
| 60 | P20 | SL60 | - | TP60 | - |
| 61 | P21 | SL61 | - | TP61 | - |
| 62 | DVSS | SL62 | Remove solder | TP62 | J_GND-R |
| 63 | NMI | SL63 | Remove solder | TP63 | Pull-up |
| 64 | DVCC | SL64 | Remove solder | TP64 | J_25V-R |
| 65 | P22 | SL65 | - | TP65 | - |
| 66 | P23 | SL66 | - | TP66 | - |
| 67 | P24 | SL67 | - | TP67 | - |
| 68 | P25 | SL68 | - | TP68 | - |
| 69 | P26 | SL69 | - | TP69 | - |
| 70 | P27 | SL70 | - | TP70 | - |
| 71 | P30 | SL71 | - | TP71 | - |
| 72 | P31 | SL72 | - | TP72 | - |
| 73 | P32 | SL73 | - | TP73 | - |
| 74 | P33 | SL74 | - | TP74 | - |
| 75 | P34 | SL75 | - | TP75 | - |
| 76 | P35 | SL76 | - | TP76 | - |
| 77 | P36 | SL77 | - | TP77 | - |
| 78 | P37 | SL78 | Remove solder | TP78 | J_GND-R |
| 79 | P40 | SL79 | - | TP79 | - |
| 80 | P41 | SL80 | - | TP80 | - |
| 81 | P42 | SL81 | - | TP81 | - |
| 82 | P43 | SL82 | - | TP82 | - |
| 83 | P60 | SL83 | - | TP83 | - |
| 84 | P61 | SL84 | - | TP84 | - |
| 85 | P62 | SL85 | - | TP85 | - |
| 86 | P63 | SL86 | - | TP86 | - |
| 87 | P64 | SL87 | - | TP87 | - |
| 88 | P65 | SL88 | - | TP88 | - |
| 89 | DVCC | SL89 | Remove solder | TP89 | J_25V-R |
| 90 | P66 | SL90 | - | TP90 | - |
| 91 | DVSS | SL91 | Remove solder | TP91 | J_GND-R |
| 92 | P50 | SL92 | - | TP92 | - |
| 93 | P51 | SL93 | - | TP93 | - |
| 94 | P52 | SL94 | - | TP94 | - |
| 95 | P53 | SL95 | - | TP95 | - |
| 96 | P54 | SL96 | - | TP96 | - |
| 97 | P55 | SL97 | - | TP97 | - |
| 98 | P56 | SL98 | - | TP98 | - |
| 99 | P57 | SL99 | - | TP99 | - |
| 100 | VREFH | SL100 | Remove solder | TP100 | J_25V-R |

- Caution
- 1.No need disposal on "-" marking
 2. Basically all pins are connected to pulldown 1M-ohm factory shipped setting.
 - 3.If you use an 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.