

TMP86FS64FG(5.0V) 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: QFP100(14x20)
Product Code: BDS040

T LCS-QFP100-PN410111

| 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 | P30 | SL10 | - | TP10 | - |
| 11 | P31 | SL11 | - | TP11 | - |
| 12 | P32 | SL12 | - | TP12 | - |
| 13 | P33 | SL13 | - | TP13 | - |
| 14 | P34 | SL14 | - | TP14 | - |
| 15 | P35 | SL15 | - | TP15 | - |
| 16 | P36 | SL16 | - | TP16 | - |
| 17 | P37 | SL17 | - | TP17 | - |
| 18 | P40 | SL18 | - | TP18 | - |
| 19 | P41 | SL19 | - | TP19 | - |
| 20 | P42 | SL20 | - | TP20 | - |
| 21 | P43 | SL21 | - | TP21 | - |
| 22 | P44 | SL22 | Remove solder | TP22 | J_SIGNAL6(RxD), Pull-up |
| 23 | P45 | SL23 | Remove solder | TP23 | J_SIGNAL5(TxD), Pull-up |
| 24 | P46 | SL24 | - | TP24 | - |
| 25 | P47 | SL25 | - | TP25 | - |
| 26 | P60 | SL26 | - | TP26 | - |
| 27 | P61 | SL27 | - | TP27 | - |
| 28 | P62 | SL28 | - | TP28 | - |
| 29 | P63 | SL29 | - | TP29 | - |
| 30 | P64 | SL30 | - | TP30 | - |
| 31 | P65 | SL31 | - | TP31 | - |
| 32 | P66 | SL32 | - | TP32 | - |
| 33 | P67 | SL33 | - | TP33 | - |
| 34 | P70 | SL34 | - | TP34 | - |
| 35 | P71 | SL35 | - | TP35 | - |
| 36 | P72 | SL36 | - | TP36 | - |
| 37 | P73 | SL37 | - | TP37 | - |
| 38 | P74 | SL38 | - | TP38 | - |
| 39 | P75 | SL39 | - | TP39 | - |
| 40 | P76 | SL40 | - | TP40 | - |
| 41 | P77 | SL41 | - | TP41 | - |
| 42 | VAREF | SL42 | Remove solder | TP42 | J_5V-L |
| 43 | AVDD | SL43 | Remove solder | TP43 | J_5V-L |
| 44 | AVSS | SL44 | Remove solder | TP44 | J_GND-D |
| 45 | P10 | SL45 | - | TP45 | - |
| 46 | P11 | SL46 | - | TP46 | - |
| 47 | P12 | SL47 | - | TP47 | - |
| 48 | P13 | SL48 | - | TP48 | - |
| 49 | P14 | SL49 | - | TP49 | - |
| 50 | P15 | SL50 | - | TP50 | - |

| Pin No. | Pin Name | Board Pin No. | Disposal | Board TP Pin No. | Connect |
|---------|----------|---------------|----------|------------------|---------|
| 51 | P16 | SL51 | - | TP51 | - |
| 52 | P17 | SL52 | - | TP52 | - |
| 53 | P00 | SL53 | - | TP53 | - |
| 54 | P01 | SL54 | - | TP54 | - |
| 55 | P02 | SL55 | - | TP55 | - |
| 56 | P03 | SL56 | - | TP56 | - |
| 57 | P04 | SL57 | - | TP57 | - |
| 58 | P05 | SL58 | - | TP58 | - |
| 59 | P06 | SL59 | - | TP59 | - |
| 60 | P07 | SL60 | - | TP60 | - |
| 61 | PA0 | SL61 | - | TP61 | - |
| 62 | PA1 | SL62 | - | TP62 | - |
| 63 | PA2 | SL63 | - | TP63 | - |
| 64 | PA3 | SL64 | - | TP64 | - |
| 65 | PA4 | SL65 | - | TP65 | - |
| 66 | PA5 | SL66 | - | TP66 | - |
| 67 | PA6 | SL67 | - | TP67 | - |
| 68 | PA7 | SL68 | - | TP68 | - |
| 69 | PB0 | SL69 | - | TP69 | - |
| 70 | PB1 | SL70 | - | TP70 | - |
| 71 | PB2 | SL71 | - | TP71 | - |
| 72 | PB3 | SL72 | - | TP72 | - |
| 73 | PB4 | SL73 | - | TP73 | - |
| 74 | PB5 | SL74 | - | TP74 | - |
| 75 | PB6 | SL75 | - | TP75 | - |
| 76 | PB7 | SL76 | - | TP76 | - |
| 77 | P80 | SL77 | - | TP77 | - |
| 78 | P81 | SL78 | - | TP78 | - |
| 79 | P82 | SL79 | - | TP79 | - |
| 80 | P83 | SL80 | - | TP80 | - |
| 81 | P84 | SL81 | - | TP81 | - |
| 82 | P85 | SL82 | - | TP82 | - |
| 83 | P86 | SL83 | - | TP83 | - |
| 84 | P87 | SL84 | - | TP84 | - |
| 85 | P90 | SL85 | - | TP85 | - |
| 86 | P91 | SL86 | - | TP86 | - |
| 87 | P92 | SL87 | - | TP87 | - |
| 88 | P93 | SL88 | - | TP88 | - |
| 89 | P94 | SL89 | - | TP89 | - |
| 90 | P95 | SL90 | - | TP90 | - |
| 91 | P96 | SL91 | - | TP91 | - |
| 92 | P97 | SL92 | - | TP92 | - |
| 93 | P50 | SL93 | - | TP93 | - |
| 94 | P51 | SL94 | - | TP94 | - |
| 95 | P52 | SL95 | - | TP95 | - |
| 96 | P53 | SL96 | - | TP96 | - |
| 97 | P54 | SL97 | - | TP97 | - |
| 98 | P55 | SL98 | - | TP98 | - |
| 99 | P56 | SL99 | - | TP99 | - |
| 100 | P57 | SL100 | - | TP100 | - |

- 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.