

# Factory default DIP and Memory Switch setting for TM printers

Rev. D  
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## DEFINITION

SERIAL I/F: UB-S01, UB-S09A  
 OTHER I/F: USB I/F (UB-U011I/011II, UB-U021I/021II, UB-U03/03II, UB-U04, UB-U09)  
*Note: The UB-U05, U06 and U19 support for TM-H6000II w/Scanner or Photo ID models only.*  
 Parallel I/F (UB-P021I, UB-P021II) Ethernet I/F (UB-E01, UB-E02)  
 RF I/F (UB-R02)

PRODUCT	SERIAL I/F	OTHER I/F	NOTE
TM-U200A	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	
TM-U200B	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	
TM-U200D	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	
TM-U220A	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8 <i>MEMORY SWITCH</i> MSW2: 1 2 3 4 5 6 7 8 MSW8: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8 <i>MEMORY SWITCH</i> MSW2: 1 2 3 4 5 6 7 8 MSW8: 1 2 3 4 5 6 7 8	
TM-U220B	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8 <i>MEMORY SWITCH</i> MSW2: 1 2 3 4 5 6 7 8 MSW8: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8 <i>MEMORY SWITCH</i> MSW2: 1 2 3 4 5 6 7 8 MSW8: 1 2 3 4 5 6 7 8	
TM-U220D	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8 <i>MEMORY SWITCH</i> MSW2: 1 2 3 4 5 6 7 8 MSW8: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8 <i>MEMORY SWITCH</i> MSW2: 1 2 3 4 5 6 7 8 MSW8: 1 2 3 4 5 6 7 8	
TM-U230	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	
TM-U325D	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	
TM-T88II/III	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	
TM-T90/L90	DIP SW1: 1 2 3 4 5 6 7 8 <i>MEMORY SWITCH</i> MSW1: 1 2 3 4 5 6 7 8 MSW2: 1 2 3 4 5 6 7 8 MSW8: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 <i>MEMORY SWITCH</i> MSW1: 1 2 3 4 5 6 7 8 MSW2: 1 2 3 4 5 6 7 8 MSW8: 1 2 3 4 5 6 7 8	*UB-E02: DIP SW1: 1 2 3 4 5 6 7 8 <i>MEMORY SWITCH</i> MSW1: 1 2 3 4 5 6 7 8 MSW2: 1 2 3 4 5 6 7 8 MSW8: 1 2 3 4 5 6 7 8
TM-H6000II	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	
TM-H6000II w/ECC	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	* UB-U05/U19 DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	* Other USB & Parallel I/F DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8
TM-U675	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	
TM-H5000II/H5200 TM-U590	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	
TM-J7000/J7100	DIP SW1: 1 2 3 4 5 6 7 8 <i>MEMORY SWITCH</i> MSW1: 1 2 3 4 5 6 7 8 MSW2: 1 2 3 4 5 6 7 8 MSW3: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 <i>MEMORY SWITCH</i> MSW1: 1 2 3 4 5 6 7 8 MSW2: 1 2 3 4 5 6 7 8 MSW3: 1 2 3 4 5 6 7 8	*UB-E02: DIP SW1: 1 2 3 4 5 6 7 8 <i>MEMORY SWITCH</i> MSW1: 1 2 3 4 5 6 7 8 MSW2: 1 2 3 4 5 6 7 8 MSW3: 1 2 3 4 5 6 7 8
TM-J2000/J2100	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 <i>MEMORY SWITCH</i> MSW1: 1 2 3 4 5 6 7 8 MSW2: 1 2 3 4 5 6 7 8 MSW3: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 <i>MEMORY SWITCH</i> MSW1: 1 2 3 4 5 6 7 8 MSW2: 1 2 3 4 5 6 7 8 MSW3: 1 2 3 4 5 6 7 8	*UB-E02: DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 <i>MEMORY SWITCH</i> MSW1: 1 2 3 4 5 6 7 8 MSW2: 1 2 3 4 5 6 7 8 MSW3: 1 2 3 4 5 6 7 8
TM-U950	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 4 5 6 7 8	
TM-U375	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 X X X 7 8	DIP SW1: 1 2 3 4 5 6 7 8 DIP SW2: 1 2 3 X X X 7 8	Note: The setting of DIP SW2-4, 5 and 6 will be different depends on head adjustment.
TM-U295	DIP SW1: 1 2 3 4 5 6 7 8 9 10	DIP SW1: 1 2 3 4 5 6 7 8 9 10	

## Appendix

### How to change the Memory switch setting?

Please follow the steps below to run the Memory switch setting mode.

*For TM-T90 and L90*

1. Install the paper roll
2. With the roll paper cover opened, turn the power on while pressing the PAPER FEED button (located inside the printer), and continue holding down the PAPER FEED button until the ERROR LED lights on; release the PAPER FEED button once when the ERROR LED lights on.  
*Note: In case of UB-E02, it will take about 5 seconds until the ERROR LED lights on due to initialize the interface.*
3. Press the paper FEED button (located inside the printer) twice.
4. Close the roll paper cover. The printer prints the main menu and operation instructions.
5. Follow the instructions and set the memory switch setting appropriately.
6. Once the setting is finished, the printer initializes and enters the normal state.

*For TM-J2000/2100 and TM-J7000/J7100*

1. Install the paper roll and ink cartridges.
2. With the roll paper cover opened, turn the power on while pressing the PAPER FEED button, and continue holding down the PAPER FEED button until the ERROR LED lights on; release the PAPER FEED button once when the ERROR LED lights on.  
*Note: In case of UB-E02, it will take about 5 seconds until the ERROR LED lights on due to initialize the interface.*
3. Press the PAPER FEED button twice and close the paper roll cover.
4. Press the PAPER FEED button once more. The printer prints the main menu and operation instructions.
5. Follow the instructions and set the memory switch setting appropriately.
6. Once the setting is finished, the printer initializes and enters the normal state.

### How to start the Self-test?

Please follow the steps below.

1. Install the paper (and ink cartridges)
2. With the roll paper cover closed, turn the power on while pressing the PAPER FEED button.  
*Note: In case of UB-E02, it will take about 5 seconds until the Self-test starts due to initialize the interface.*
3. The printer starts the self-test.

If you need more information or details, please refer the specification document.