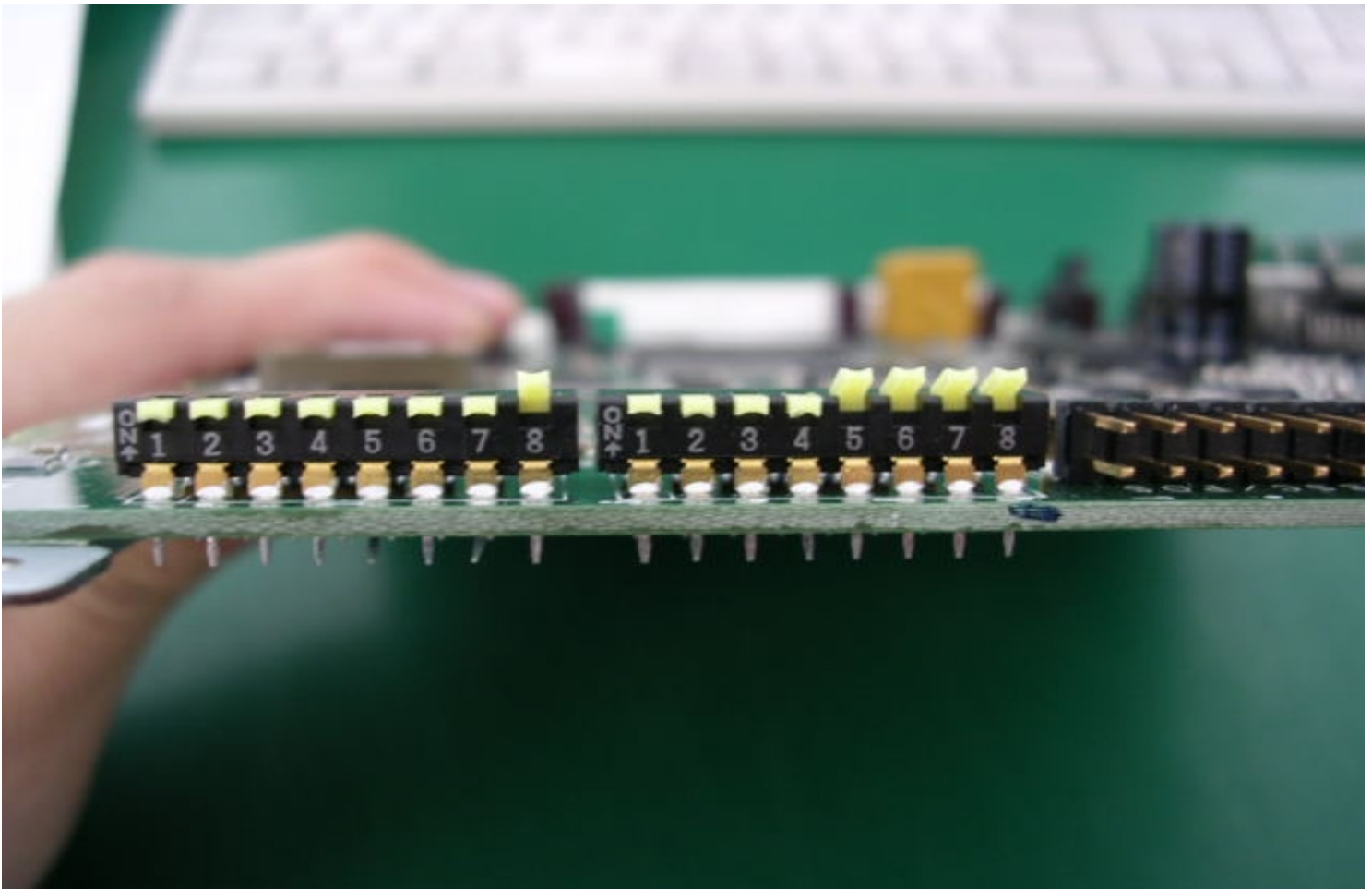
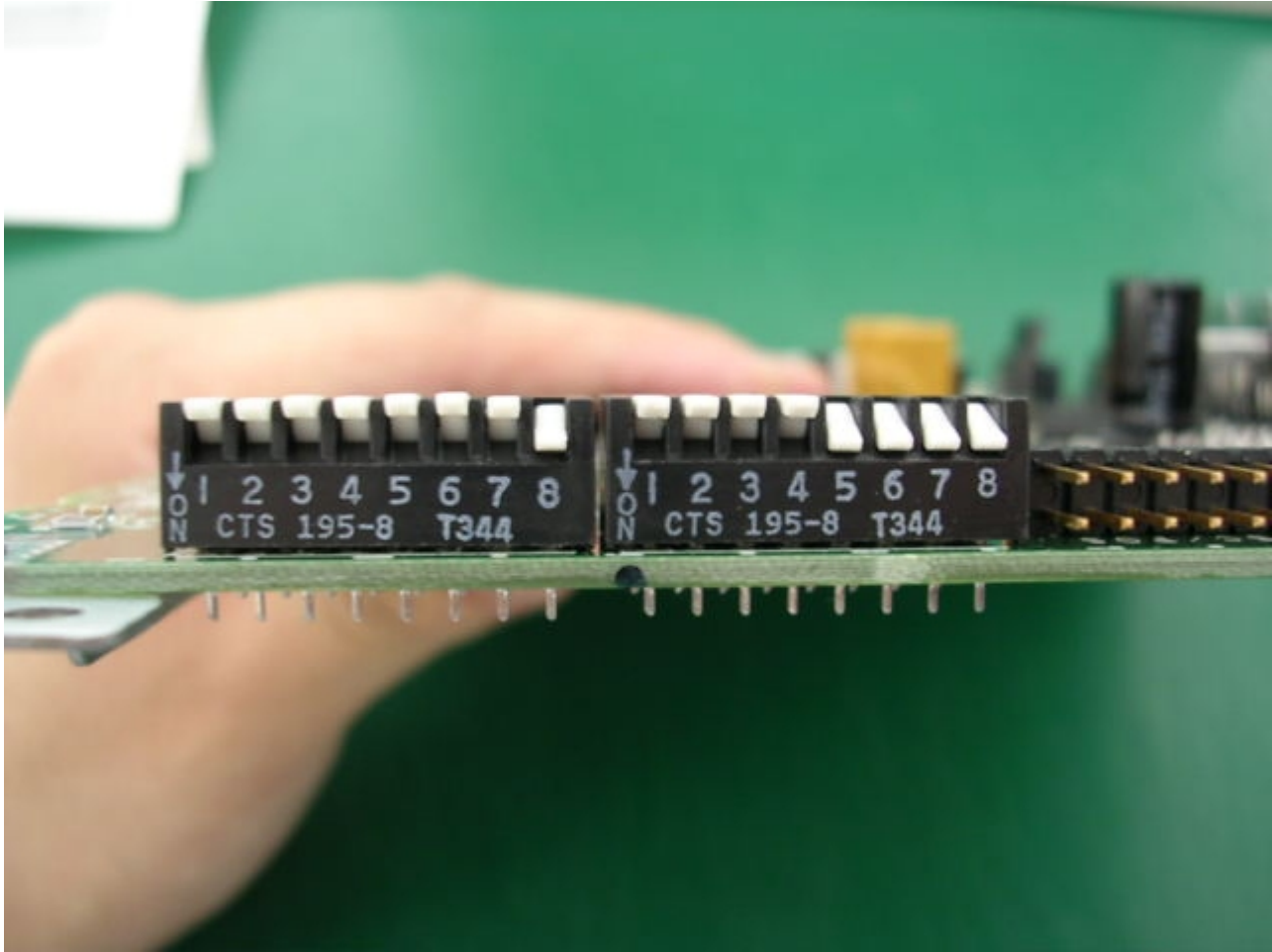


**Subject: TP2000 Retail I/O Board (90000161) and TeamCOMBO Board (90000273)**

There is a possibility of inaccurately setting switch packs (SW3 & SW4) on the Retail I/O board and switch pack #3 (SW3) on the TeamCOMBO board. The TeamCOMBO board (90000273) only has one switch pack (SW3); while the Retail I/O board pictured below has two switch packs. There are two different types of switch packs approved for the TeamCOMBO board. One switch pack is set to "ON" when the switch is in the up position, and another has the switches set to "ON" when the switch is in the down position. In order to accurately determine how to set these switches, a visual inspection of the switch pack is necessary. In the picture directly below the arrow is pointing upward just below the word "ON". This is the most common switch pack on the Retail I/O board and indicates that the switch is in the "ON" position when up (away from the board).



"On" is in the up position  
SW4 & SW3 pictured above on the Retail I/O Board



"On" is in the down position (Retail I/O board Pictured)

The picture directly above shows the arrow pointing downward for the "ON" position. Both switch packs have been approved on the TeamCOMBO board, but only some Retail I/O board will have the above switch pack installed.

Please verify the switch pack settings by visually inspecting the arrow position on the board after replacing a Retail I/O or TeamCOMBO board. Simply setting the switches the same as the previous board without verifying which position is "ON" could result in a board that doesn't function. The table on the following page shows the switch pack options.



Switch	Definition	Settings (Default in <b>Bold</b> )			
PORT1/2	DC Powered or Standard COM-I/F for Port 1/2 *Two jumpers required for each setting	PORT1	STD COM	<b>DC Powered</b>	
		PORT2	STD COM	<b>DC Powered</b>	
SW3 1	UART Base Address in MCP Mode	ON	0230H	<b>OFF</b>	<b>0100H</b>
2	MCP Parallel Port Address	ON	0278H	<b>OFF</b>	<b>0378H</b>
3	MODE Operation Mode	ON	OPC	<b>OFF</b>	<b>MCP</b>
4	COM COM Port Mode	ON	COM3/4	<b>OFF</b>	<b>MCP/OPC</b>
5	BATL Detect Lead Acid Battery Alarm	<b>ON</b>	<b>Enable</b>	OFF	Disable
6	FAN1 Detect CPU FAN Alarm	<b>ON</b>	<b>Enable</b>	OFF	Disable
7	FAN2 Detect PSU FAN Alarm	<b>ON</b>	<b>Enable</b>	OFF	Disable
8	FAN3 Detect Chassis FAN Alarm	<b>ON</b>	<b>Enable</b>	OFF	Disable
SW4/IRQ 1	*MCP Reset ON = Enabled <b>OFF = Disabled</b>	*Old boards and the TeamCombo boards have only 6 jumpers to set the IRQ and do not have these two positions. With these boards the first position is IRQ12 and IRQ5 is the sixth.  Retail I/O IRQ Only One IRQ Switch Can Be ON			
2	*VFD ON = ESC/POS <b>OFF = FJ</b>				
3	IRQ12 OFF				
4	IRQ11 OFF				
5	IRQ10 OFF				
6	IRQ9 OFF				
7	IRQ7 OFF				
8	<b>IRQ5 ON</b>				
SW1	<b>COM3 IRQ</b> Only One IRQ Switch Can Be ON	IRQ3 OFF		IRQ10 OFF	
		<b>IRQ4 ON</b>		IRQ11 OFF	
		IRQ9 OFF		IRQ12 OFF	
SW2	<b>COM4 IRQ</b> Only One IRQ Switch Can Be ON	<b>IRQ3 ON</b>			IRQ10
		OFF			
		IRQ4 OFF		IRQ11 OFF	
		IRQ9 OFF		IRQ12 OFF	

INQUIRIES TO:

Fujitsu Transaction Solutions Inc.  
MS Exchange: Sustaining Engineering  
Mail: Fujitsu USA04, Sustaining Engineering  
FAX: 858-731-4781 (7888-4781)  
Internet: [sustainingengineering@ftxs.fujitsu.com](mailto:sustainingengineering@ftxs.fujitsu.com)  
FTP: <ftp://ftp.ftxs.fujitsu.com/>

\_\_\_\_\_  
MGR Sustaining Engineering

\_\_\_\_\_  
Product Manager

DATE

Original signature copies maintained by Sustaining Engineering