

TB282 (Rev1) – Jog Panel Communication Fault

The most common cause of this error is that the control is configured to utilize an optional Jog Panel/Pendant connection but the Jog Panel/Pendant is not plugged in. If the optional Jog Panel/Pendant will not be installed, change the “Jog Panel Required” to “No” to disable. Power off the system and restart. If the optional Jog Panel/Pendant was ordered, confirm that it is plugged at both the MPU11/ALLIN1DC and on backside the jogpanel board itself on the header labeled “CPU10”.

1. If the system is not utilizing a Jog Panel/Pendant. Go into the Control Configuration Screen and change “Jog Panel Required” to No”. To enter the “Control Configuration Screen” from the Main Screen press:

F1-Setup->F3-Config (pw=137 enter)->F1-Control

Use the arrow keys to select “Jog Panel Required” and press the spacebar to toggle the setting to “No”. Power off and restart the control after changing this setting.

2. Did the LED's on the Jog Panel/Pendant flash on power up? If the LED's did not flash immediately on power up, check the back of the jog board and confirm that the data cable is correctly plugged into the header labeled CPU10. If this cable is plugged in correctly and the LED's did not flash on power up, it is likely that the Jog Panel/Pendant will need to be returned for repair. Please contact your dealer to arrange repair, replacement or further troubleshooting.

3. Does your Jogboard have the updated crystal installed?

4. Does your MPU11 have the updated crystal installed? MPU11 boards that shipped prior to ##### may need to have the crystal replaced due to a manufacturing defect in the crystal. If your MPU11 is dated prior to ##### (see pic) return it for repair.