

VBA Curve Tracer Board Interconnects

1. P1-1 on the Front panel goes to J106-1 on the Main board. Signal HVon
2. P1-2 on the Front panel goes to J106-2 on the Main board. Signal PlusTri(+)
3. P1-3 on the Front panel goes to J120-1 on the Front board. Signal FaultOn
4. P2-1 on the Front panel goes to J103-3 on the Main board. Signal minusTri(-)
5. P2-2 on the Front panel goes to J103-2 on the Main board. Signal GND(G)
6. P2-3 on the Front panel goes to J103-1 on the Main board. Signal ILon
7. J104-1 on the Front board goes to J4-1 on the Main board. Signal Select 70V
8. J104-2 on the Front board goes to J4-2 on the Main board. Signal Select 35V
9. J104-3 on the Front board goes to J4-3 on the Main board. Signal plusTri
10. J104-4 on the Front board goes to J4-4 on the Main board. Signal Select 200V
11. J102-1 on the Front board goes to J102-1 on the Main board. Signal CCW
12. J102-2 Front board and J102-2 on the Main board do not need to be connected.
13. J100-1 on the Front board goes to J105-1 on the Main board. Signal TAP
14. J100-2 on the Front board goes to J105-2 on the Main board. Signal 7V5
15. J101-1 on the Front board goes to J54-1 on the Main board. Signal Sw(eep)
16. J101-2 on the Front board goes to J54-2 on the Main board. Signal Ch(oice)
17. J2-1 on the Front board goes to J55-1 on the Main board. Signal ISO
18. J2-2 on the Front board goes to J55-2 on the Main board. Signal Pulse
19. J74-1 on the Front board goes to J40-1 on the Main board. Signal +
20. J74-2 on the Front board goes to J40-2 on the Main board. Signal -
21. J1-1 on the Front board goes to J30-1 on the Main board. Signal -
22. J1-2 on the Front board goes to J30-2 on the Main board. Signal ISO
23. J1-3 on the Front board goes to J30-3 on the Main board. Signal +
24. J120-1 on the Front board goes to J106-3 on the Main board. Signal FaultOn
25. J120-2 on the Front board goes to P1-3 on the Face plate. Signal FaultOn
26. J70-1 on the Front board goes to J6-1 on the Main board. Signal CS- (>2 Amp!)
27. J70-2 on the Front board goes to J6-2 on the Main board. Signal GND (>2 Amp!)
28. J72 on the Front board goes to the Y BNC on the Back panel with a shielded cable.
29. J71 on the Front board goes to the X BNC on the Back panel with a shielded cable.
30. J51 on the Main board goes to the Z BNC on the Back panel with a shielded cable.
31. On the Front board, a shielded cable goes from S22-C pin 8 marked B/G (only center lead) to S71A pin 2 marked B/G (the center lead) and the braided isolation to the hole just below it, marked ISO.