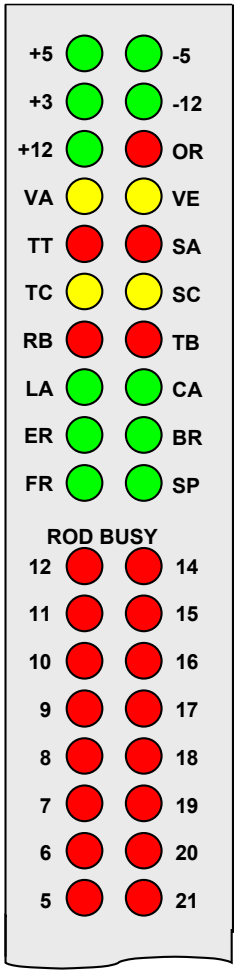


+5V, +3.3V, +12V Power On

-5V, -12V Power On

Overall Reset

VME Access[2]

VME Error[1]

TTC Mode (Run Mode) Enabled

Stand-Alone Mode Enabled

TTC Clock Enabled & Running

Stand-Alone Clock Present

Overall ROD Busy[3]

TIM BusyOut[4]

L1A signal issued

CAL signal issued

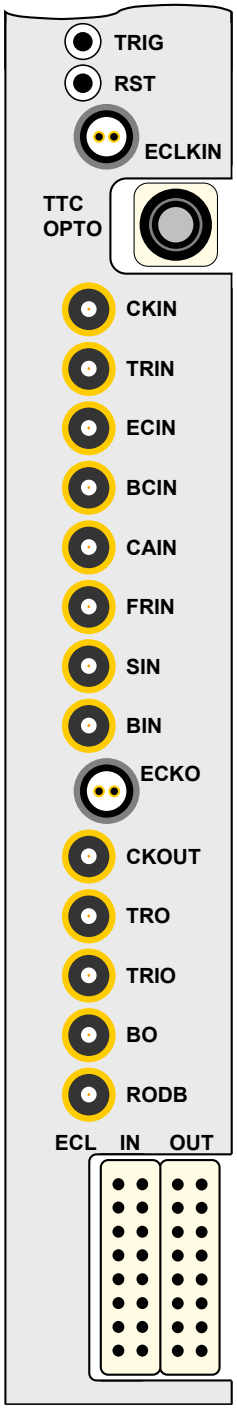
ECR signal issued

BCR signal issued

FER signal issued

Spare signal issued

ROD Busy's (1 per slot)



Push-Button Trigger

Push-Button TIM Reset

ECL Clock In

TTC Fibre In

NIM Clock In

NIM Trigger In

NIM Event-Counter Reset In

NIM Bunch-Counter Reset In

NIM Calibrate In

NIM Front-End Reset In

NIM Spare In

NIM TIM-Busy/ROD-Busy In (jumper selected)

ECL Clock Out

NIM Clock Out

NIM Trigger Out

NIM Trigger Out (pre-pipeline delay)

NIM TIM-BusyOut

NIM ROD-Busy Out

ECL Signals In/Out Busses

CLK
BUSY
SPARE
FER
CAL
BCR
ECR
TRIG

Notes:

1. VE: Flash for VME bus access error OR On for Geog-Addr error (i.e. wrong slot).
2. VA: Flashes when TIM is accessed (addressed) by VME correctly.
3. RB: Shows status of ROD-Busy (note: In Stand-Alone Mode TIM is normally busy)
4. TB: Shows status of TIM-BusyOut

All LEDs (apart from power supplies) have a 60ms pulse stretcher for better visibility.

TIM3 Front-Panel