EPI-Hi DPU and Telescope Board ECO List

DPU Board

ECO 01 Add resistors for measurement of +12V, +6V and -6V
         Forgotten on original housekeeping measurement list.

ECO 02 Change voltage used in -6V measurement circuit to P5V_regA
         Previously was using the HKCHIP reference voltage.

ECO 03 Add protection diodes to voltage measurement circuits
         Prevents overvoltage at the HKCHIP inputs.

ECO 04 Add series resistance to LVPS_SYNCH signal.
         This digital signal goes off board to the LVPS.

ECO 05 Reconfigure line driver enable signals to use only single enable signal.
         Prevents A and B drivers from being on at the same time.
         EM board has this done in the FPGA.

Telescope Boards

ECO 01 Add resistors for measurement of +12V, +6V and -6V
         Forgotten on original housekeeping measurement list.

ECO 02 Reconfigure PHASIC device address signals.
         Used wrong signals.

ECO 03 Add series resistance to pha_clk signal.

ECO 04 Reroute 5V power to PHASIC devices to bypass redundant filter.

ECO 05 Change voltage used in -6V measurement circuit to P5V_regA
         Previously was using the HKCHIP reference voltage.

ECO 06 Changed voltage measurement circuit resistor values.
         All boards consistent for each voltage.

ECO 07 Add protection diodes to voltage measurement circuits
         Prevents overvoltage at the HKCHIP inputs.