



Specifications

- Covers wide range of analog applications using monolithic ICs such as op-amp (LM710), PLL (NE565), function generator (NE566), opto-coupler (MCT2E) and regulators (Lm723, 7805, 7905, LM317 and LM337)
- On-board resources such as resistor, capacitor, diode and potentiometer banks of different values are provided
- Bread board area allows construction of circuits using external components along with on-board resources

On-board linear ICs

- High speed comparator IC-710
- Function generator IC-566
- Phase locked loop IC NE-565
- Fixed voltage regulator 7805, 7905
- Variable voltage regulator IC-317, 337 and 723
- Opto-coupler MCT2E

On board interfaces

- Dual 0~20V on board power supply
- All Interconnections are made using 2mm patch cords
- Resistor bank
- Capacitor bank
- Diodes
- IC socket
- LEDs
- Potentiometers
- ZIF socket
- Bread board

Experiments

Using high speed comparator IC-710

- Study the parameters of LM 710
- To measure slew rate
- To measure CMRR

Function generator IC-566

- To study the linearity and accuracy of the output waveforms

Phase locked loop IC NE-565

- Measurement of centre frequency F_c
- To study VCO linearity and sensitivity
- Measurement of capture range and lock range
- PLL as a multiplier
- Many more

Note: Specifications are subject to change.