

Operational Description

The projector operates below 180 MHz.

All input video signals are processed to corresponding R, G, B signals by IC301 (PW392C), Input Gamma IC produces timing and screen driver IC (S/HS L3E07111K0A) drives corresponding screen (EPSON 0.59") to display the images.

All input audio signals are output from the speaker or Audio out terminal being controlled and amplified.

RS232C is used to update and debug the projector.

KEY SW controls and operates the projector by control buttons. Auto controlling of the fan is realized by two DAC circuits.

Flash ROM and EEPROM are used to store and run the software. PW392 is MCU, which is the key component to control and operate the projector.

POWER UNIT provides power to insure the projector runs normally.