

Operation Description

The equipment under test (EUT) is multi-function product and powered by DC 3V for LCD Clock and DC12V or AC 120V for Radio, AUX and CD. The EUT is a CD player, AUX input and stereo digital tuner with AM/FM and weather band.

The brief circuit description is listed as follows:

- IC 1 (TW3761AQ), IC 2 (MM1469PH), X 1 (16.934 MHz) and associated circuit acts CD player.
- IC 101 (SA2111), IC 102 (SC9257S), IC 103 (CD7358GS), X101 (4.5 MHz), CF101 and CF103 (10.7 MHz) and associated circuit acts RF/OSC/PLL/IF for AM/FM/WB radio.
- IC 301 (ET618), X 301 (32.768 KHz) and associated circuit acts as Micro Control for CD player, Tuner, Amplifier, and Display.
- IC 201 (SC7314S), IC 202 (UTC8227) and associated circuit acts as Amplifier.
- IC 701 (NK890K), X701 (32.768 KHz) and associated circuit acts as LCD Clock.