

Operation Principle of R-3310

R-3300 consists of main chip, parallel flash, 2 DDR SDRAMs and a lot of connectors.

Main chip, RTD1282, is the Media Processor with AV codec, Video Decoder. And it is connected with Tuner I/F, HDD (Hard Disc Drive) by SATA I/F IC, Ethernet, Video/Audio inputs, 2 ports of USB2.0 High-Speed and HDMI Transmitter. The power is drawn from SMPS and supplied +12V for almost IC and -27V for VFD, controlled by Micom.