Analog Wireless Imager Pane-Drawing

一·　Transmitter

Antenna Board

LED Light		RF Transmit Crystal: 8MHz

CPU

Channel Switch

Low Power Detector

DC Power Supply
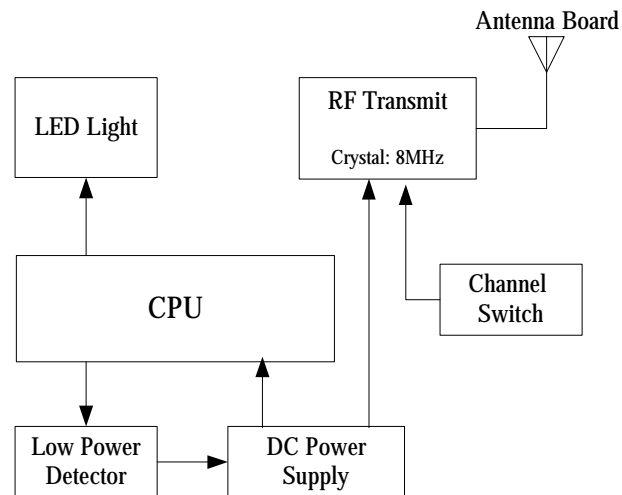
CPU IC：AM4EA005X CHIP

LED： HT19-226SURVG/TR8
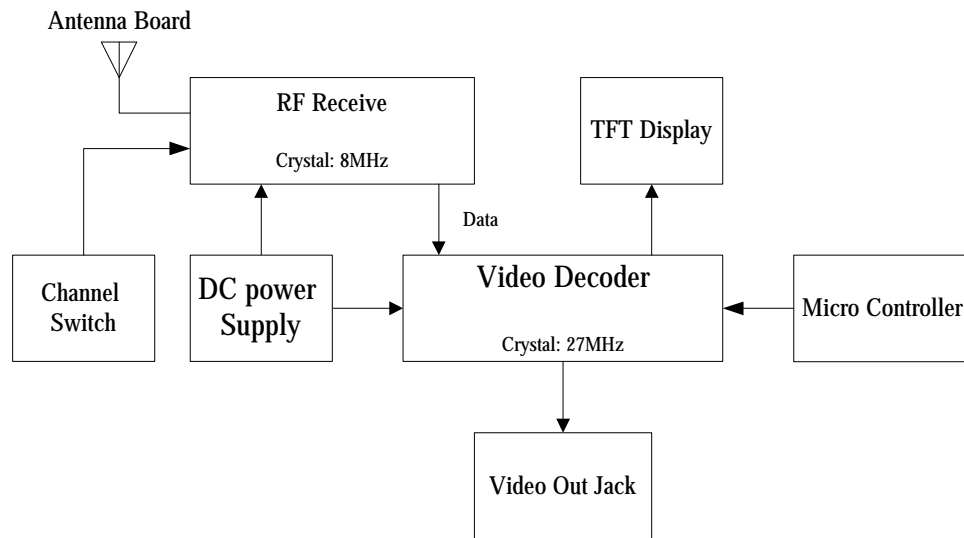
RF Transmit IC：RTC6701

Power IC：RT9261B-50PX

Lower-power Detector IC：HT7022A

Channel Switch：Metal Snap Domes

二・ Receiver

Antenna Board

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            ┌─────────────────┐        ┌─────────────────┐
            │   RF Receive    │        │   TFT Display   │
            │                 │        │                 │
            │  Crystal: 8MHz  │        └─────────────────┘
            └─────────────────┘
                                 │ Data
┌──────────┐ ┌──────────┐  ┌─────────────────────┐  ┌──────────────────┐
│ Channel  │ │ DC power │  │   Video Decoder     │  │ Micro Controller │
│ Switch   │ │ Supply   │  │                     │  │                  │
│          │ │          │  │  Crystal: 27MHz     │  └──────────────────┘
└──────────┘ └──────────┘  └─────────────────────┘
                              ┌─────────────────┐
                              │  Video Out Jack │
                              └─────────────────┘
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RF IC：RTC6712

Video Decoder：T515A

Micro Controller：TM57P40S20CG

Power IC：AIC1734-30PXATR

TFT Display：GPM1050A0

LED：HT19-226SURVGS/TR8

Channel Switch：SS-14D01-G3

Video Out Jack：USB03-696C0-32BKC

Main Oscillator's Working Frequency for

1・TX CPU Frequency：4MHz

2・RX Micro Controller Frequency：4MHz

3・Transmitter Crystal Frequency ：8MHz，Working Frequency CH1：2414MHz、CH2：2432MHz、CH3：2450MHz、CH4：2468MHz

4・Receiver Crystal Frequency：8MHz，Working Frequency CH1：2414MHz、CH2：2432MHz、CH3：2450MHz、CH4：2468MHz