Circuit description

Input 12VDC turns into 5V, 3.3V and 1.8V via the DC-DC conversion. Bluetooth module and MCU U6 are powered by DC 5V. MCU U6 decodes the received 2.4G signal and drives the 2.4" LCD to display the rearview camera image. Once Bluetooth module pair with other Bluetooth device, such as mobile phone, the module in APB220 will receive the signal from other device, then transfers it to MCU U7, MCU U7 processes the signal information and converses them for MCU U3 driving the LCD to display the Bluetooth OSD,which uses the osc is 27Mhz.