

LCD BackLight Driver (2string)

LCD POWER

The top diagram illustrates the 1.8V LCD power supply. It features a voltage regulator U8000 (BU18TD2WNVX) with its VIN (pin 4) connected to VBAT and its VOUT (pin 1) connected to IOVCC_LCD_1V8. The regulator is also connected to STBY (pin 3) and PGND (pin 2). A bypass capacitor C8002 is connected between the input and output pins. The bottom diagram illustrates the 3.0V LCD power supply. It features a voltage regulator U8002 (BU30TD2WNVX) with its VIN (pin 4) connected to VBAT and its VOUT (pin 1) connected to VCC_LCD_3V0. The regulator is also connected to STBY (pin 3) and PGND (pin 2). A bypass capacitor C8008 is connected between the input and output pins. Both diagrams include a Rev.C label and a dashed box indicating the regulator and its associated components.

[illegible]

RGB IC POWER

RGB CONVERTER