

The diagram illustrates the electrical connections for the LCD driver circuit. The LCD DRIVER (IC1) is connected to the PANEL DETACH CONNECTOR (CN1) via VDD and MGND. The PANEL DETACH CONNECTOR (CN1) provides power to the IC90 REMO, IC70 NFC IC, RGB LED, LED, J80 USB JACK, and J60 AUX JACK. The IC90 REMO is connected to the LED and the J80 USB JACK. The IC70 NFC IC is connected to the RGB LED and the J60 AUX JACK. The LED is connected to the J80 USB JACK. The J80 USB JACK is connected to the J60 AUX JACK. The J60 AUX JACK is connected to the F_AUXG. The F_AUXG is connected to the GND. The GND is connected to the MGND. The MGND is connected to the VDD. The VDD is connected to the IC1. The IC1 is connected to the LCD DRIVER. The LCD DRIVER is connected to the PANEL DETACH CONNECTOR (CN1). The PANEL DETACH CONNECTOR (CN1) is connected to the IC90 REMO, IC70 NFC IC, RGB LED, LED, J80 USB JACK, and J60 AUX JACK. The IC90 REMO is connected to the LED and the J80 USB JACK. The IC70 NFC IC is connected to the RGB LED and the J60 AUX JACK. The LED is connected to the J80 USB JACK. The J80 USB JACK is connected to the J60 AUX JACK. The J60 AUX JACK is connected to the F_AUXG. The F_AUXG is connected to the GND. The GND is connected to the MGND. The MGND is connected to the VDD. The VDD is connected to the IC1. The IC1 is connected to the LCD DRIVER. The LCD DRIVER is connected to the PANEL DETACH CONNECTOR (CN1).

The diagram illustrates the internal connections of the LCD module. The central component is the **LCD DRIVER (IC1)**, which is connected to a **KEY MATRIX** and a **PANEL DETACH CONNECTOR (CN1)**. The LCD DRIVER has pins for **S1-S46 or S1-S51**, **P1-P9**, **K14**, **KS2**, **VDD**, **LCDATA_LCD**, **LCD_CLK**, **LCD_CE**, and **LCD_DATA_SYS**. The KEY MATRIX has pins **K11**, **K12**, **KS2**, **K13**, **KS3**, **K14**, **KS4**, **K15**, and **KS6**. The PANEL DETACH CONNECTOR (CN1) has pins for **OP**, **S20**, **S20A**, **ENC1**, **ENC2**, **REMO**, **D+**, **D-**, **F_AUX1**, **F_AUX2**, **F_AUX3**, and **F_AUX4**. The peripheral components and their connections are as follows:

- ED1 LCD DISPLAY**: Connected to **S1-S46 or S1-S51** and **P1-P9** of the LCD DRIVER.
- RGB LED**: Connected to **P1-P9** of the LCD DRIVER.
- IC70 NFC IC**: Connected to **K14** and **KS2** of the LCD DRIVER.
- S20 ENCODER**: Connected to **S20** and **S20A** of the PANEL DETACH CONNECTOR.
- IC90 REMO**: Connected to **ENC1** and **ENC2** of the PANEL DETACH CONNECTOR.
- LED**: Connected to **REMO** of the PANEL DETACH CONNECTOR.
- J80 USB JACK**: Connected to **D+** and **D-** of the PANEL DETACH CONNECTOR.
- J60 AUX JACK**: Connected to **F_AUX1**, **F_AUX2**, **F_AUX3**, and **F_AUX4** of the PANEL DETACH CONNECTOR.