







close for EDID EEPROM programming

close for I2C capacitive touchcontroller on 40-pin display connector and set VCCIO to 3.3V SDA+SCL from EEPROM have to be open

Jumper	LED+	LED-		TP_SDA	TP_SCL	TP_INT
Displays with resistive Touchpanel (no Backlight Boost Regulator)	LED+	LED-	3.3V or 5V	open	open	open
Displays with capacitive Touchpanel (on-board Backlight Boost Regulator)	5V	5V	3.3V	closed	closed	closed

To program EDID data into the EEPROM the jumpers SDA + SCL have to be closed and HDMI has to be disconnected during the programming.

The backlight brightness of the Displays with capacitive Touchpanel can be controlled via Pin 35 (AVR PB6).

Displays with resistive Touchpanel: TFT043-3, TFT050-3, TFT070-4

Displays with capacitive Touchpanel: HY050CTP-HD, HY070CTP, HY070CTP-HD, HY101CTP

## **HYxxxCTP Display RGB-Connector**

