

CONNECTOR ①: 40PIN SPI+RGB				CONNECTOR ②: 18PIN PI			
PIN NO.	SYMBOL	ESP32S3 CONTROL PIN	FUNTION	PIN NO.	SYMBOL	ESP32S3 CONTROL PIN	FUNTION
1	LEDA	-	backlight positive	1	VCC	3.3V	LCD power input
2,3	LEDK	-	backlight negative	2	BL	6	backlight
5	VCI	3.3V	I/O pins power supply	3	GND	GND	ground
6	RESET	EXIO3	reset pin	4	SCLK	1	SPI CLK pin
7,8	NC	-	not connected	5	MOSI	2	SPI MOSI pin
9	SDA	1	SPI data signal pin	6	MISO	42	SPI MISO pin
10	SCL	2	SPI clock signal pin	7	DC	41	LCD data/command pin
11	CS	42	SPI chip select pin	8	RST	40	LCD reset pin
12	PCLK	41	pixel clock pin	9	CS'	39	LCD chip select pin
13	DE	40	control mode selection	10	NC	-	not connected
14	VS	39	Frame SYNC signal, vertical synchronizing input	11	NC	-	not connected
15	HS	38	Line SYNC signal, horizontal synchronizing input	12	RST'	16	touch reset pin
16~21	B0~B5	NC, 5, 45, 48, 47, 21	blue data input	13	SCL'	7	touch I2C clock pin
22~27	G0~G5	14, 13, 12, 11, 10, 9	green data input	14	SDA'	15	touch I2C data pin
28~33	R0~R5	NC, 48, 3, 8, 18, 17	red data input	15	INT'	17	touch signal interrupt
35	TP-INT	16	touch signal interrupt	16	NC	-	not connected
36	TP-SDA	15	touch I2C data pin	17	NC	-	not connected
37	TP-SCL	7	touch I2C clock pin	18	NC	-	not connected
38	TP-RST	EXIO1	touch reset pin				
39	TP-VCC	3.3V	touch power supply				
4,34,40	GND	GND	ground				