



SPECIFICATION

LCD Number: CKT017M030CAN-13

CUSTOMER APPROVED	PREPARE BY	CHECK BY	APPROVED BY
SUPPLIER APPROVED	PREPARE BY	CHECK BY	APPROVED BY

1. General Specification

Item	Contents	Unit
LCD TYPE	TFT/TRANSMISSIVE	
MODULE SIZE (W*H*T)	31.4*42.9*3.05	MM
ACTIVE SIZE (W*H)	28.032*35.04	MM
PIXEL PITCH (W*H)	0.219*0.219	MM
NUMBER OF DOTS	128*160	
DIVER IC	ST7735S	
INTERFACE TYPE	8-BIT MCU	
TOP POLARIZER TYPE	GLARE	
RECOMMEND VIEWING DIRECTION	6	O'CLOCK
GRAY SCALE INVERSION DIRECTION	12	O'CLOCK
COLORS	65K	
BACKLIGHT TYPE	4-DIES WHITE LED	
TOUCH PANEL TYPE	Without	

4. Interface Pin Function

Pin No.	Symbol	Description
1	GND	Power ground.
2	IOVCC	Power Supply for I/O system.
3	VCC	Power Supply for Analog.
4	CSB	Chip Selection Pin. -Low Enable.
5	RST	This signal will reset the device and it must be applied to properly initialize the chip. -Signal is active low.
6	RS	Display data/command Selection Pin in MCU Interface. -RS='1': Display Data or Parameter. -RS='0': Command Data. -If not used, please fix this pin at IOVCC or GND level.
7	WRB	Write Enable in MCU Parallel Interface. -If not used, please fix this pin at IOVCC or GND level.
8	RDB	Read Enable in 8080 MCU Parallel Interface. -If not used, please fix this pin at IOVCC or GND level.
9-16	DB0~DB7	D[7:0] are used as MCU parallel interface data bus.
17	BL_A	Anode of LED backlight.
18	BL_K	Cathode of LED backlight.
19	TE	Tearing effect output pin to synchronies MCU to frame rate, activated by S/W command. -If not used, please open this pin.
20	GND	Power ground.