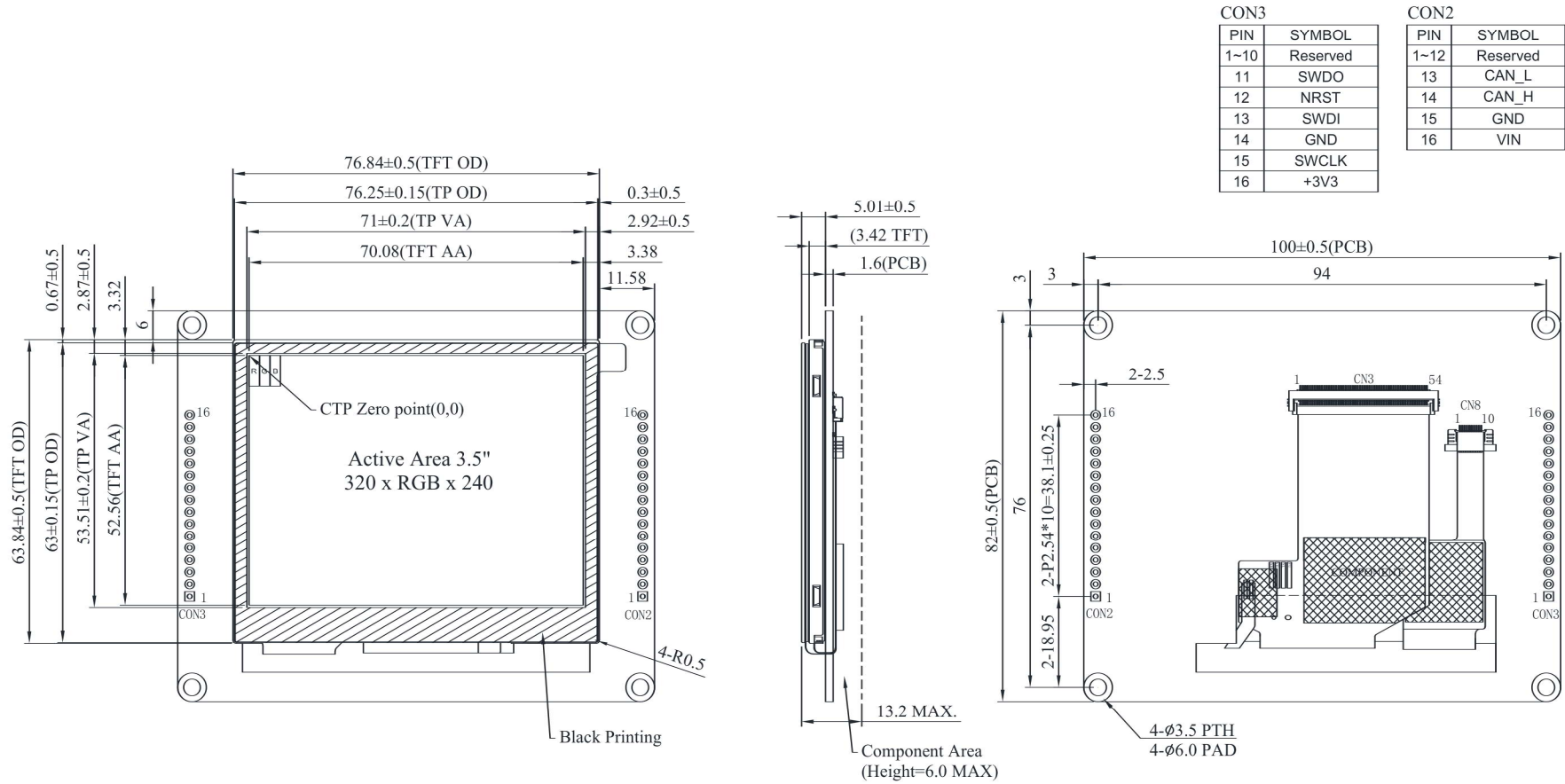


Product information

General information

Item	Standard Value	Unit
Operating voltage	5 ~ 24	Vdc
Communication Interface	CAN bus differential ± 3.3	Vpp
MCU	STM32F750	N/A
Flash Memory	16	MB
SDRAM Frequency	108	MHz
LCD display size	3.5	inch
Dot Matrix	320× 3(RGB) × 240	dot
Module dimension	100(W) x 82(H) x 13.2(D)	mm
Active area	70.08(W) x 52.56(H)	mm
Pixel pitch	0.219 x 0.219	mm
Brightness	Min: 300; Typ: 400	cd/m ²
LCD type	TFT, Normally Black, Transmissive	
View Direction	80/80/80/80	
Aspect Ratio	4:3	
Touch Panel	Capacitive Touch Panel	
Surface	Glare	

Contour Drawing



The non-specified tolerance of dimension is $\pm 0.3\text{mm}$.

Absolute Maximum Ratings

Item	Symbol	Min	Typ	Max	Unit
Operating Temperature	TOP	-20	—	+70	°C
Storage Temperature	TST	-30	—	+80	°C

Electrical Characteristics

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VIN	5	12	24	V
Supply Current	ICC	-	150	-	mA

BOM

Item	Description
LCM	WF35XTYACDNG0#
PCBA	SV100035000XA00N0102

Interface

CON2 definition:

Pin	Symbol	Function	Remark
16	VIN	Power +5V~24V	Input
15	GND	Power GND	Input
14	CAN_H	CAN bus D+	I/O
13	CAN_L	CAN bus D-	I/O
12-1	Reserved	--	--

CON3 definition:

Pin	Symbol	Function	Remark
16	+3V3	3.3V power for JTAG interface	Output
15	SWCLK	CLK pin for JTAG interface	Input
14	GND	GND for JTAG interface	Output
13	SWDIO	Data pin for JTAG interface	I/O
12	NRST	Reset pin for JTAG interface	Input
11	SWO	Data pin for JTAG interface	I/O
10-1	Reserved	--	-