

*** Do not display the fixed pattern for a long time when using a normally black panel, as it may cause image sticking due to the LCM structure. If the screen is displayed in fixed mode, use a screen saver. It is recommended to display the fixed mode in less than 2 minutes or less.

A

B

C

D

TFT 3.5"
DOTS: 320*3RGB*240
Full View(80/80/80/80)

PI Stiffener Contact Side

LED-A ○ — LED-K

BL CIRCUIT DIAGRAM:
Vf=18.0V, If=20mA

PIN NO.	SIGNAL	PIN NO.	SIGNAL	PIN NO.	SIGNAL
1	LED_K	21	DG1	41	VCI
2	LED_K	22	DG2	42	VCI
3	LED_A	23	DG3	43	YD
4	LED_A	24	DG4	44	XL
5	YU	25	DG5	45	NC
6	XR	26	DG6	46	NC
7	NC	27	DG7	47	NC
8	RESX	28	DRO	48	NC
9	SPI_CS	29	DR1	49	NC
10	SPI_SCL	30	DR2	50	NC
11	SPI_SDA	31	DR3	51	NC
12	DB0	32	DR4	52	DEN
13	DB1	33	DR5	53	GND
14	DB2	34	DR6	54	GND
15	DB3	35	DR7		
16	DB4	36	HSD		
17	DB5	37	VSD		
18	DB6	38	DCLK		
19	DB7	39	NC		
20	DGO	40	NC		

*The sample is fixed to TTL 24 bits on the FPC
*8-bit serial data using DG0-DG7

No.	Item	Value
#1.	LCD Display Type	TFT, Transmissive, Normally Black
#2.	Viewing Direction	Full View(U80/D80/R80/L80)
#3.	Interface	8/24-bit RGB with 3-wire SPI
#4.	Operating Voltage	VCI=3.3V (Typ)
#5.	Operating Temp	-30° C~85° C
#6.	Storage Temp	-40° C~85° C
#7.	Driver IC	ST7272A
#8.	Backlight	WHITE Vf=18.0V If=20mA(Typ)
#9.	LCM Brightness	600 cd/m ² (Typ)

A B C D

Dwg Title: TFT-H035A1QVIST6N54

Scale 1:1 Unit MM Tol. ±0.3

Ver: A/0 Drawn: Liu Date: 2019-04-29