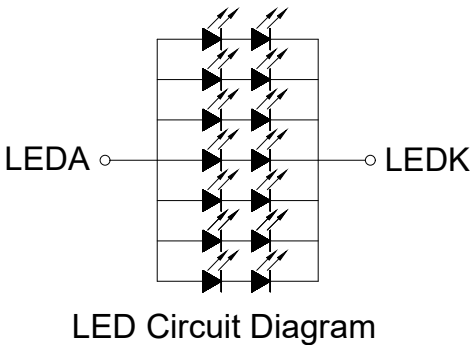
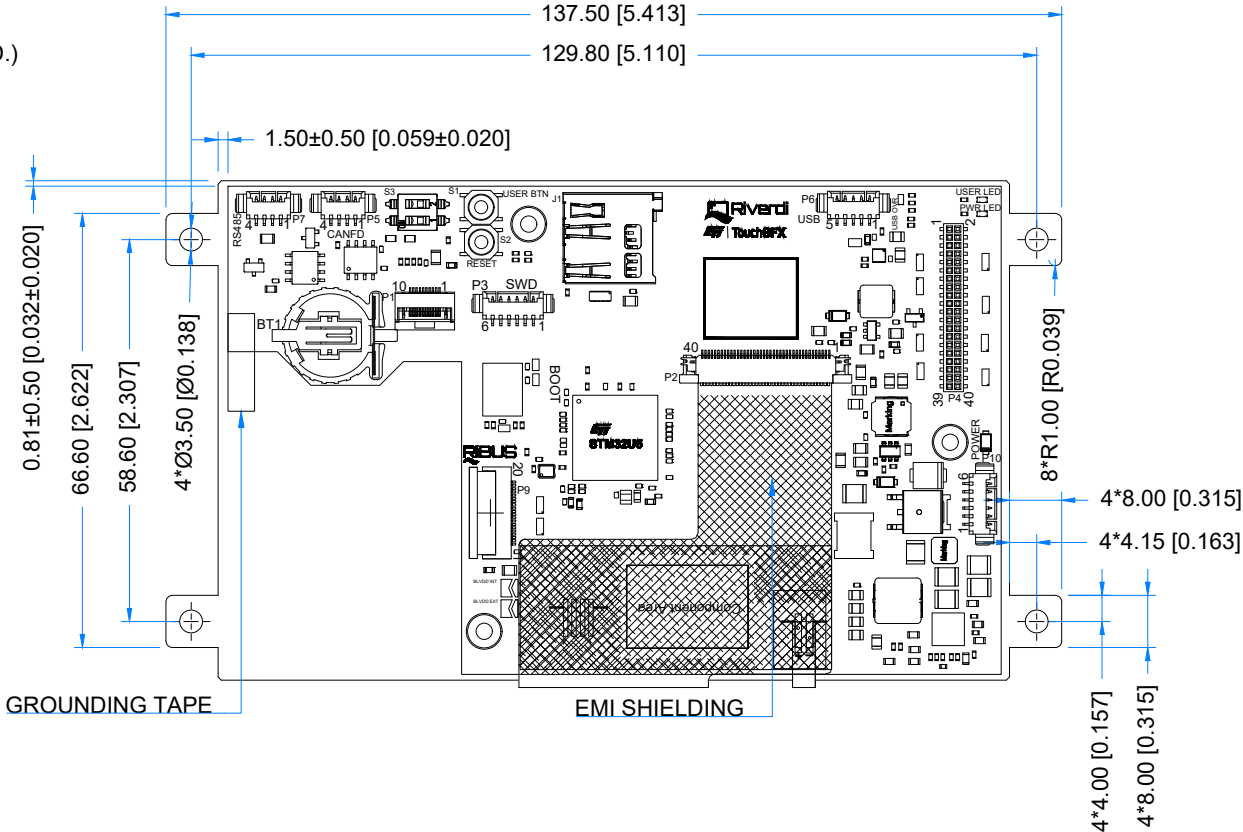
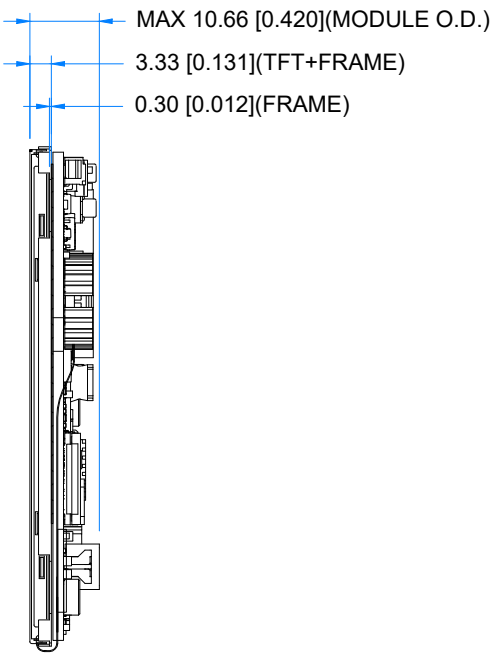
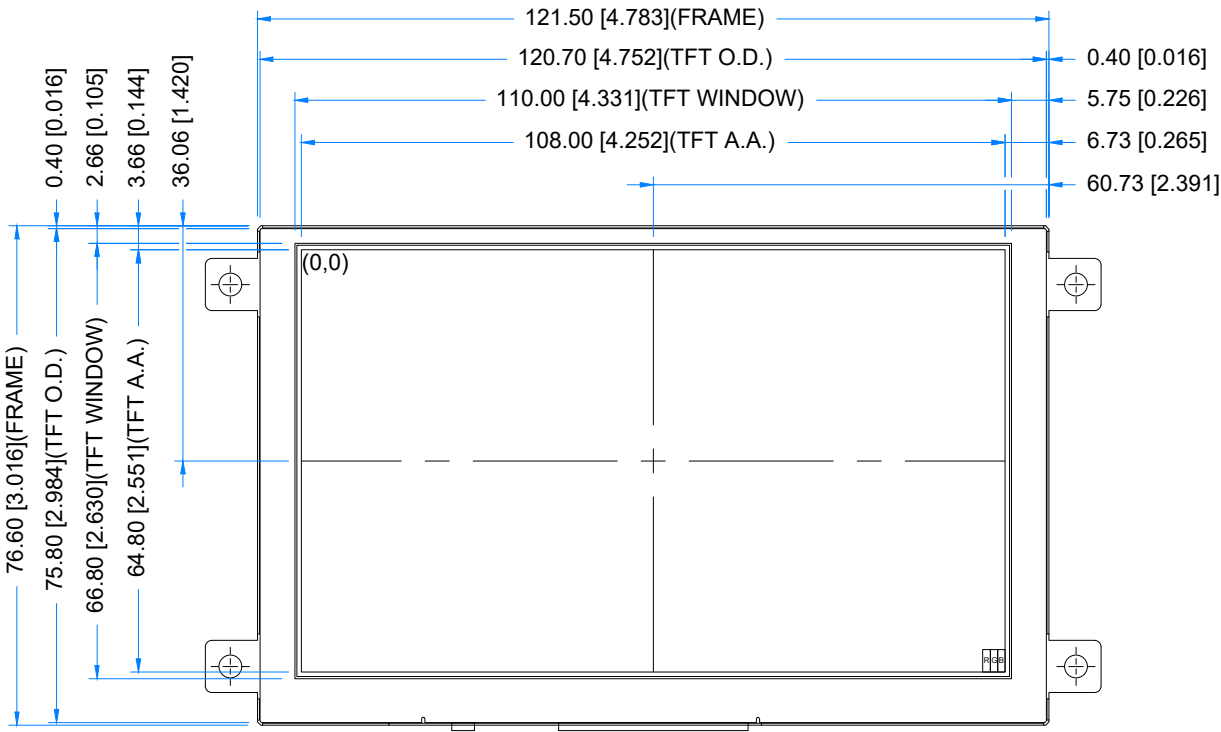




1.25 MM MOLEX CONNECTORS

NO.	TYPE	MATE WITH
P3 (SWD)	53261-0671	51021-0600
P5 (CAN)	53261-0471	51021-0400
P6 (USB)	53261-0571	51021-0500
P7 (RS485)	53261-0471	51021-0400
P10 (POWER)	53261-0671	51021-0600

1.27MM PIN SOCKET

NO.	TYPE	MATE WITH
P4	CBC1402M100-2P	CH51402M100-0P OR CH51402V100

TFT NOTES:

1. DISPLAY TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
2. RESOLUTION: 800x480
3. VIEWING ANGLE: FREE
4. SURFACE LUMINANCE: 1000cd/m²
5. MCU ON THE BOARD: STM32U5A9NJH6Q
6. EXTERNAL FLASH MEMORY SIZE:512Mbit
7. SUPPLY VOLTAGE FOR MODULE: 6.0V - 48.0V

GENERAL NOTES:

1. OPERATING TEMPERATURE: -20°C ~ 70°C
2. STORAGE TEMPERATURE: -30°C ~ 80°C
3. WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm[0.012inch]
4. TOLERANCE OF PCB PLACEMENT: ±0.5mm[0.020inch]
5. RoHS3 COMPLIANT

PN: RVT50HQSFWN00 V2.0A

SN:

Drawn: M.Stabinski

2026.04.29

Checked: M.Wierzbowski

2026.04.29

Appr: M.Wierzbowski

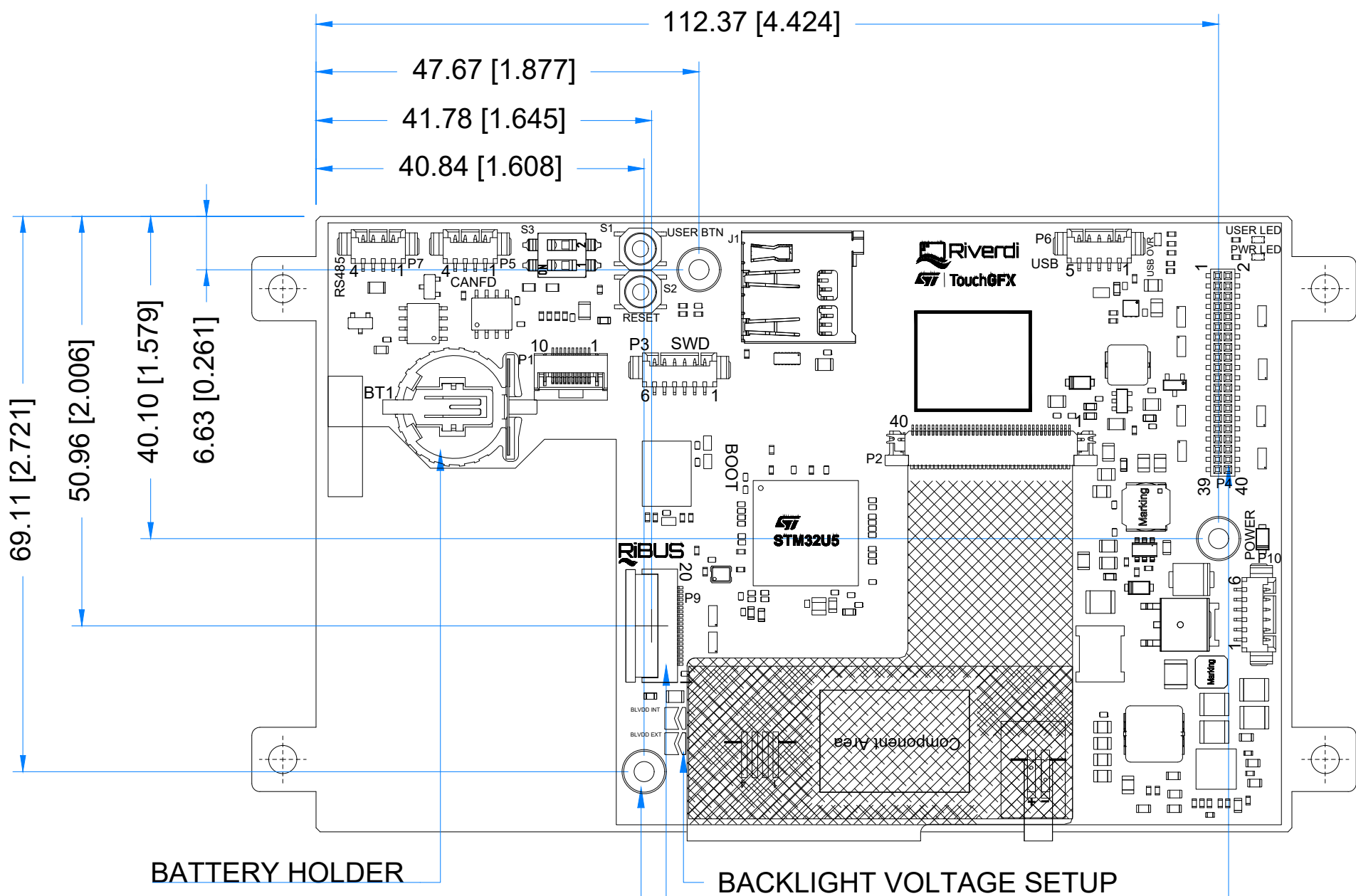
2026.04.29

1:1.16

[mm]

ISO A3

P. 1 of 2



BATTERY HOLDER

BACKLIGHT VOLTAGE SETUP

3*M3*4mm
THREADED SPACER

EXPANSION CONNECTOR
1.27mm, 2x20PIN SOCKET

RIBUS, 20PINS, 0.5mm PITCH
DOWNSIDE CONTACT, FLIP

1.25 MM MOLEX CONNECTORS		
NO.	TYPE	MATE WITH
P3 (SWD)	53261-0671	51021-0600
P5 (CAN)	53261-0471	51021-0400
P6 (USB)	53261-0571	51021-0500
P7 (RS485)	53261-0471	51021-0400
P10 (POWER)	53261-0671	51021-0600

1.27MM PIN SOCKET		
NO.	TYPE	MATE WITH
P4	CBC1402M100-2P	CH51402M100-0P OR CH51402V100

TFT NOTES:

- 1. DISPLAY TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
- 2. RESOLUTION: 800x480
- 3. VIEWING ANGLE: FREE
- 4. SURFACE LUMINANCE: 1000cd/m²
- 5. MCU ON THE BOARD: STM32U5A9NJH6Q
- 6. EXTERNAL FLASH MEMORY SIZE: 512Mbit
- 7. SUPPLY VOLTAGE FOR MODULE: 6.0V - 48.0V

GENERAL NOTES:

- 1. OPERATING TEMPERATURE: -20°C ~ 70°C
- 2. STORAGE TEMPERATURE: -30°C ~ 80°C
- 3. WITHOUT INDIVIDUAL TOLERANCE:
±0.3mm[0.012inch]
- 4. TOLERANCE OF PCB PLACEMENT:
±0.5mm[0.020inch]
- 5. RoHS3 COMPLIANT

PN: RVT50HQSFWN00 V2.0A

SN:

DRAWN: M.Stabinski2026.04.291:1.16

CHECKED: M.Wierzbowski2026.04.29[mm]

APPR: M.Wierzbowski2026.04.29ISO A3

P. 2 of 2