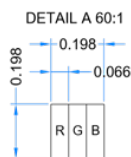
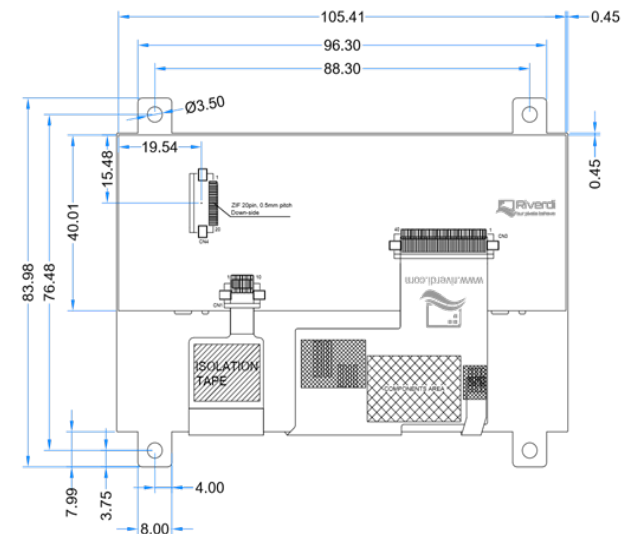
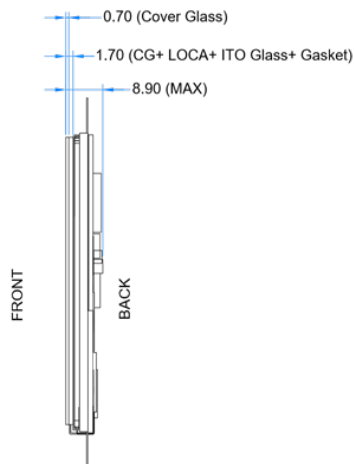
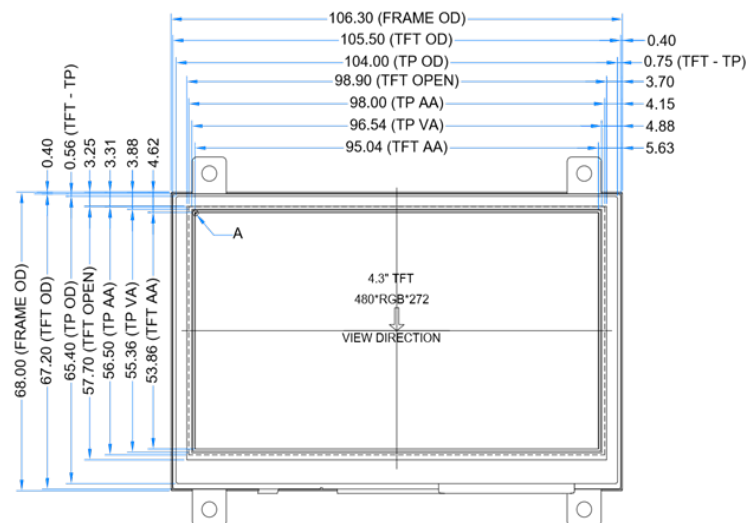
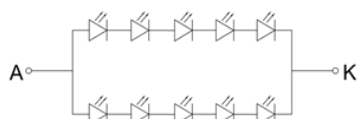


PIN	DESC
1	VDD
2	GND
3	SPI_SCLK / I2C_SCL
4	MISO / I2C_SDA
5	MOSI / I2C_SA0
6	CS / I2C_SA1
7	INT
8	PD
9	MODE
10	AUDIO_OUT
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	BLVDD
18	BLVDD
19	BLGND
20	BLGND



INTERNAL BACKLIGHT CIRCUIT DIAGRAM



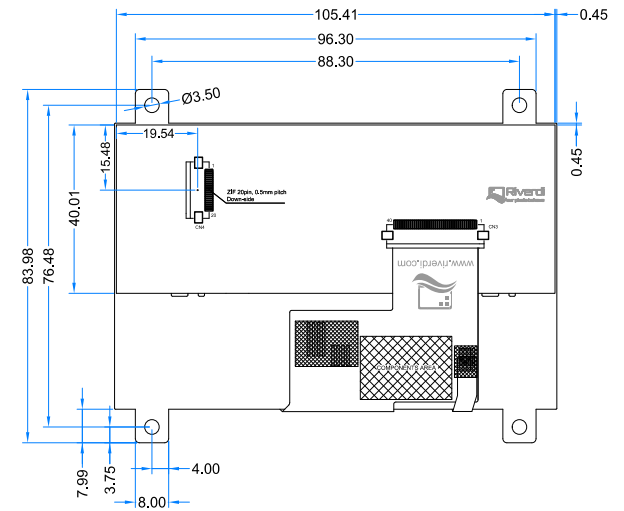
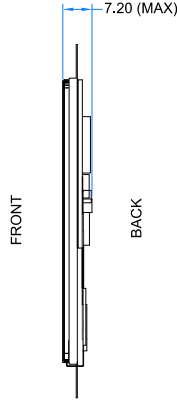
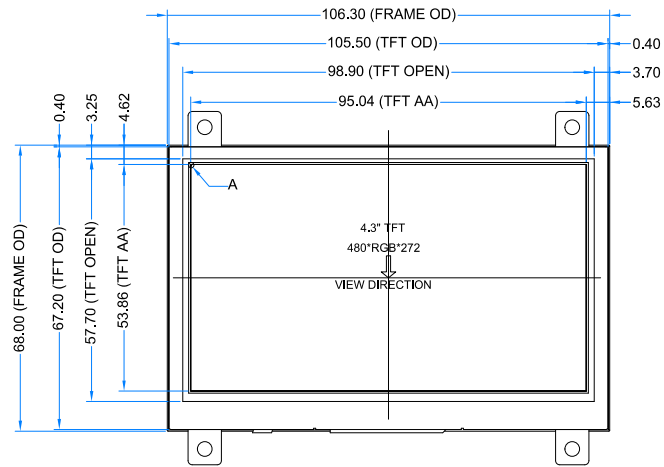
NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY WHITE
2. RESOLUTION: 480x272
3. VIEWING DIRECTION: 12 O'CLOCK
4. IC CONTROLLER: FT801
5. OPERATING TEMP.: -20°C ~ 70°C
6. STORAGE TEMP.: -30°C ~ 80°C
7. LED BACKLIGHT: 10-LED WHITE
8. SURFACE LUMINANCE: 500 cd/m<sup>2</sup>
9. OPERATING VOLTAGE: 3.3V
10. GENERAL TOLERANCE: ±0.2
11. RoHS COMPLIANT

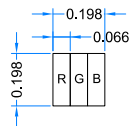
3.0.0	New CTP driver.	2018.04.09
2.0.0	Glass change, new TFT open dimension, FFC shape. New IC controller and updated pinout.	2017.05.29
Ver.	DESCRIPTION	DATE

CUSTOMER APVL		DATE	2018/04/09
DRAWN		SCALE	TITLE
DFTG CHK		UNIT	RVT4.3B480272CFWC81
ENGR CHK		mm	MODEL
APPROVAL			
RIVERDI		DWG NO	PAGE
		Rev. 3.0.0	1/1

PIN	DESC
1	VDD
2	GND
3	SPI_SCLK / I2C_SCL
4	MISO / I2C_SDA
5	MOSI / I2C_SA0
6	CS / I2C_SA1
7	INT
8	PD
9	MODE
10	AUDIO_OUT
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	BLVDD
18	BLVDD
19	BLGND
20	BLGND

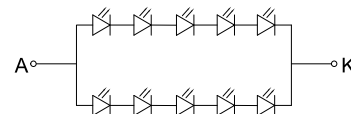


DETAIL A 60:1



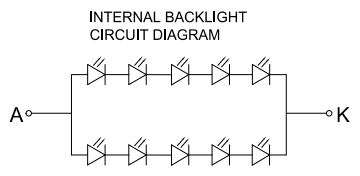
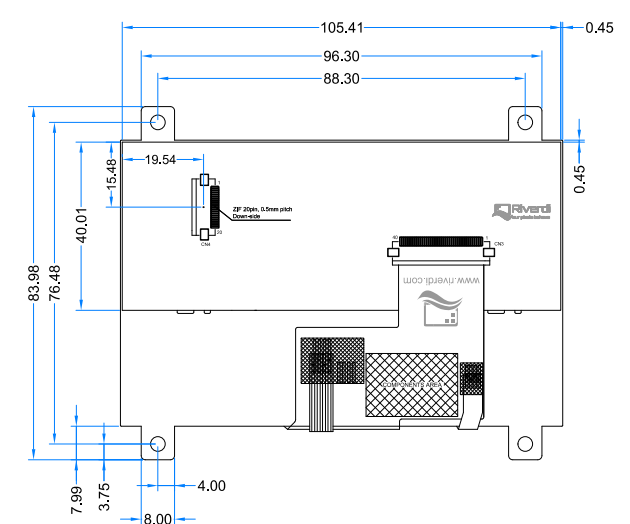
- NOTES:
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY WHITE
  2. OPERATION VOLTAGE: VDD=3.3V
  3. VIEWING DIRECTION: 12 O'CLOCK
  4. IC CONTROLLER: FT800
  5. OPERATING TEMP.: -20°C ~ 70°C
  6. STORAGE TEMP.: -30°C ~ 80°C
  7. LED BACKLIGHT: 10-LED WHITE
  8. SURFACE LUMINANCE: 550 cd/m<sup>2</sup>
  9. GENERAL TOLERANCE: ±0.2
  10. RoHS COMPLIANT

INTERNAL BACKLIGHT  
CIRCUIT DIAGRAM



2.0.0	Glass change, new TFT open dimension, FFC shape. New IC controller and updated pinout.	2017.05.25
Ver.	DESCRIPTION	DATE

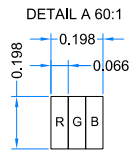
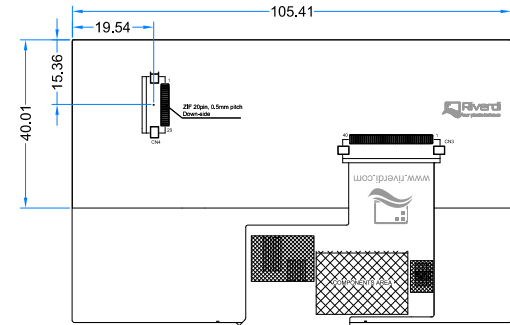
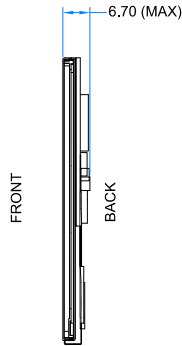
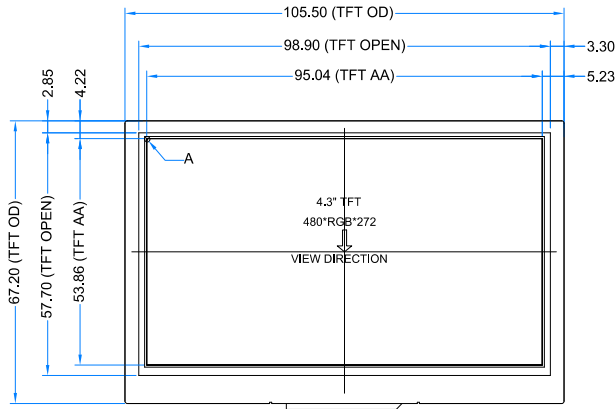
CUSTOMER		DATE	2017/05/25
DRAWN	SCALE	TITLE	
DFTG CHK	UNIT	RVT4.3B480272CFWN00	
ENGR CHK	mm	MODEL	
APPROVAL			
RIVERDI SP. Z O.O.		DWG NO	PAGE
		Rev. 2.0.0	1/1

[illegible]

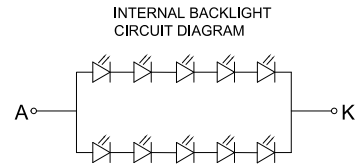
2.0.0	Glass change, New TFT open dimension, FFC shape. New IC controller and updated pinout.	2017.05.29
Ver.	DESCRIPTION	DATE




PIN	DESC
1	VDD
2	GND
3	SPI_SCLK / I2C_SCL
4	MISO / I2C_SDA
5	MOSI / I2C_SA0
6	CS / I2C_SA1
7	INT
8	PD
9	MODE
10	AUDIO_OUT
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	BLVDD
18	BLVDD
19	BLGND
20	BLGND



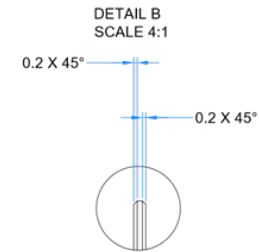
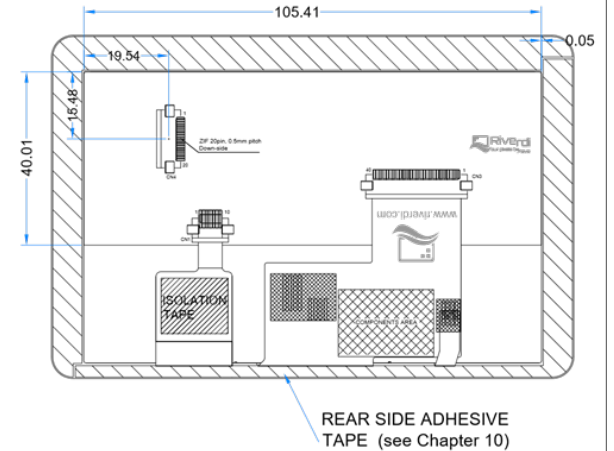
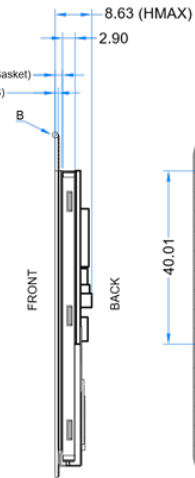
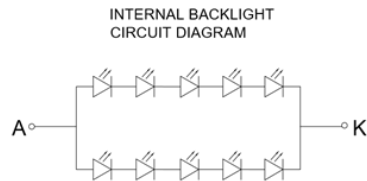
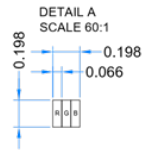
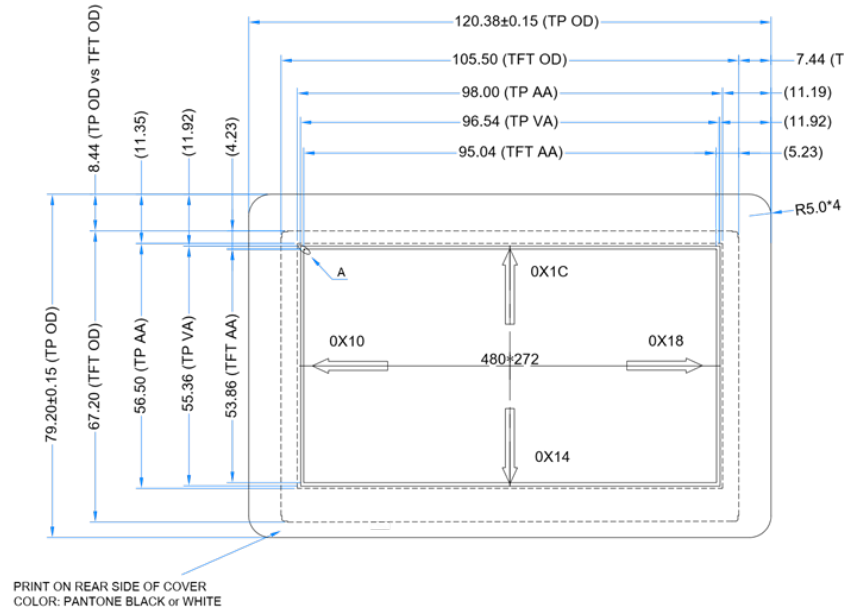
- NOTES:
1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY WHITE
  2. RESOLUTION: 480x272
  3. VIEWING DIRECTION: 12 O'CLOCK
  4. IC CONTROLLER: FT801
  5. OPERATING TEMP.: -20°C ~ 70°C
  6. STORAGE TEMP.: -30°C ~ 80°C
  7. LED BACKLIGHT: 10-LED WHITE
  8. SURFACE LUMINANCE: 550 cd/m<sup>2</sup>
  9. OPERATING VOLTAGE: 3.3V
  10. GENERAL TOLERANCE: ±0.2
  11. RoHS COMPLIANT



2.0.0	Glass change, New TFT open dimension, FFC shape. New IC controller and updated pinout.	2017.05.29
Ver.	DESCRIPTION	DATE

CUSTOMER APVL		DATE		2017/05/29	
DRAWN		SCALE		TITLE RVT4.3B480272CNWN00	
DFTG CHK		UNIT			
ENGR CHK		mm		MODEL	
APPROVAL					
RIVERDI SP. Z O.O.				DWG NO	
				Rev. 2.0.0	
				PAGE	
				1/1	

PIN	DESC
1	VDD
2	GND
3	SPI_SCLK/ I2C_SCL
4	MISO/I2C_SDA
5	MOSI/I2C_SA0
6	CS/I2C_SA1
7	INT
8	PD
9	MODE
10	AUDIO_OUT
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	BLVDD
18	BLVDD
19	BLGND
20	BLGND



#### NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY WHITE
2. 4.3 INCH PROJECTIVE CAPACITIVE TOUCH PANEL.
3. OPERATION VOLTAGE: VDD=3.3V
4. VIEWING DIRECTION: 12 O'CLOCK
5. IC CONTROLLER: FT801
6. CTP RESOLUTION: 1280 X 768 DOTS
7. CTP IC DRIVER: FT5446
8. CTP MULTI FINGER: UP TO 5
9. OPERATING TEMP.: -20°C ~ 70°C
10. STORAGE TEMP.: -30°C ~ 80°C

11. LED BACKLIGHT: 10-LED WHITE, BUILT-IN INVERTER
12. SURFACE LUMINANCE: 500 cd/m<sup>2</sup>
13. GENERAL TOLERANCE: ±0.2
14. RoHS COMPLIANT

3.0.0	New IC CTP controller.	2018.04.09
2.0.0	Glass change, new TFT open dimension, FFC shape. New IC controller and updated pinout.	2017.11.22
Ver.	DESCRIPTION	DATE

CUSTOMER APVL		DATE	2018/04/09
DRAWN	SCALE	TITLE RVT43ULFNWC0x	
DFTG CHK	UNIT		
ENGR CHK	mm	MODEL	
APPROVAL			
RIVERDI		DWG NO	PAGE
		Rev. 3.0.0	1/1