

This is a parallel interface LCD with SPI for Touch screen and SD card.

Runs at 3.3v direct from Due.

Pictures on the SD card need to be in RAW format. Needs TinyFAT and TinyFAT\_16 libraries

Set firmware statement in Arduino IDE to :

```
UTFT myGLCD(CTE40,38,39,40,41);
```

```
URTouch myTouch( 6, 5, 4, 3, 2);
```

TOUCH SCREEN

<u>DUE</u>	<u>LCD</u>	<u>LCD PIN</u>
D22	DB8	14
D23	DB9	15
D24	DB10	16
D25	DB11	17
D26	DB12	18
D27	DB13	19
D28	DB14	20
D29	DB15	21
D30	DB7	13
D31	DB6	12
D32	DB5	11
D33	DB4	10
D34	DB3	9
D35	DB2	8
D36	DB1	7
D37	DB0	6
D38	RS	2
D39	WR	3
D40	CS	1
D41	RST	5

<u>DUE</u>	<u>LCD</u>	<u>LCD PIN</u>
D6	CLK	34
D5	T_CS	33
D4	MOSI	30
D3	MISO	29
D2	T_PEN	31

**POWER**

3.3V	BL	24
3.3V	VDD x2	23,25
3.3V	RD	4
GND	GND x 2	26,27
3.3V	TOUCH	28

**ROTARY**

D20	B+
D21	B-
GND	GND
3.3V	3.3V