50mA B	acklight	for 5	5
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	TFTFriend	Di GDIO Hoador			TFTFriend					J					
	Label	Pi GPIO Header		Label				TFT Friend Pins				40 Pin TFT ribbon			
		3v3	1	2	5v		-			R0	5V	0	1	LK	Led Backlight Cathode
	Vsync	2	3	4	5v	5v				R1	Gnd	0	2	LA	Led Backlight Anode
	Hsync	3	5	6	Gnd	Gnd			0	R2	LK		3	GND	
	B2	4	7	8	14	G4			0	R3	LA		4	VDD	PowerSupply (+3.0V)
		Gnd	9	10	15	G5			0	R4	PWM		5-12	R0-R7	Red Data
	G7	17	11	12	18		PWM0		0	R5	3v3		13-20	G0-G7	Green Data
ShtDwn LED		27	13	14	Gnd				0	R6	G0		21-28	B0-B7	Blue Data
	R4	22	15	16	23	R5			0	R7	G1		29	GND	
		3v3	17	18	24	R6				В0	G2	0	30	CLK	Clock (Latch on Falling Edge)
free		10	19	20	Gnd					B1	G3	0	31	DISP	Display on/off
	B7	9	21	22	25	R7			0	B2	G4	0	32	Hsync	Horizontal Sync
free		11	23	24	8	B6			0	В3	G5	0	33	Vsync	Vertical Sync
		Gnd	25	26	7	B5			0	B4	G6	0	34	DEN	Date Enable
	CLK	0	27	28	1	DE			0	B5	G7	0	35	NC	
	В3	5	29	30	Gnd				0	B6	Gnd		36	Gnd	
	B4	6	31	32	12	G2			0	B7	Clk	0	37	XR	Touch X Right
	G3	13	33	34	Gnd					XR	on/not off		38	YD	Touch Y Down
PWM1		19	35	36	16	G6				YD	Hsync	0	39	XL	Touch X Left
ShtDwn BTN		26	37	38	20	R2				XL	Vsync	0	40	YU	Touch Y Up
		Gnd	39	40	21	R3				YU	DE	0			
									1	2 wires	each side				

## TFT Friend Schematic:

