



EXPZ Define											
	Mini 12864	RAMPS PIN	RAMPS Def.	No	-			No.	RAMPS Def.	RAMPS PIN	Mini 12864
	KILL	D41	KILL	1				2	GND	GND	GND
	RST	RST	RST	3				4	CD	D49	CD
	MOSI	D51	MOSI	5				6	BTN_EN2	D33	BTN_EN2
	SS	D53	SS	7				8	BTN_EN1	D31	BTN_EN1
	SCK	D52	SCK	9				10	MISO	D50	MISO
					U			₽.			

RESET NSS (CS)

IRQ

PN5180	CON4	Description
Pin1	Pin 4	5V
Pin2	<mark>Pin 1</mark>	3V
Pin3	Pin 16	PA19
Pin4	Pin 26	PA13
Pin5	Pin 19	MOSI
Pin6	Pin 21	MISO
Pin7	Pin 23	CLK
Pin8	Pin 18	Busy
Pin9	Pin 20	GND
Pin10		GPIO
Pin11		PA18
Pin12		Aux

Pin13

FYSETC	CON4			
EXP1 pin 1	<mark>pin 1</mark>	VCC		
EXP1 pin 2	pin 6	GND		
EXP1 pin 3	pin 13	PA00	RGB BLUE	
EXP1 pin 4	pin 11	PA01	RGB Green	
EXP1 pin 5	pin 15	PA03	RGB RED	
EXP1 pin 6	pin 22	PA02	(LCD_RST)	
EXP1 pin 7	pin 12	PA07	(A0 in driver S	ST7567)
EXP1 pin 8	pin 24	PA10	SPI1_CS	
EXP1 pin 9	pin 3	PA12	BTN_ENC	
EXP1 pin 10	pin 7	PA06	Веер	
EXP2 pin 5	<mark>pin 19</mark>	PA15	SPI1_MOSI	
EXP2 pin 6	pin 8	PG06	BTN_ENC1	(192 + 6)
EXP2 pin 8	pin 10	PG07	BTN_ENC2	(192 + 7)
EXP2 pin 9	pin 23	PA14	SPI1 CLK	

Req

Xxxx = connected with clockMod circuit
Xxxx = shared connection (splitcable)
Xxxx = shared connection (splitcable)