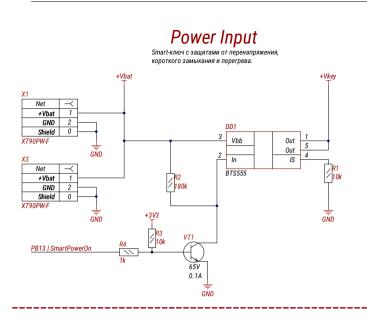
Sup-board ДжетПро



Прототип платы управления

Board Control

PB12 PowerOn PB13 SmartPowerOn PB3 Staty 1 PB4 Staty 2 PB5 Staty 3 PB6 SCK PB7 SDA	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 50 51	DA1 PB12 PB13 PB14 PB15 PA8 PA9 PA10 PA11 PA11 PA12 PB5 PB6 PB7 PB8 PB9 +5V GND +3V3 GND	STM32F411CEU6	+5V GND +3V3 PB10 PB2 PB1 PB0 PA7 PA6 PA5 PA4 PA3 PA2 PA1 PA0 NRST PC15 PC14 PC13-LED VBAT SCK	40 39 38 37 36 35 33 32 31 30 29 28 27 26 25 24 23 22 22 21 52 53	PB10 Busy PB2 DataControl PB1 Reset PB0 CS_e-ink PA7 MOSI PA5 CLK
	51	GND +3V3 STM32F411C	EU6			

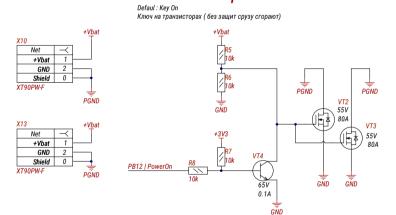
X4 Stop Hall					
	\rightarrow	Net			
-	1	Text			
-	2	Out			
-	3	Text			
Hall					
	X?				
	\rightarrow	Net			
	1	Dutton 1			

2 GND

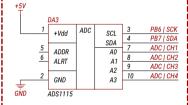


Systems Control

Power Output



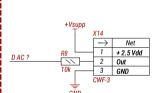




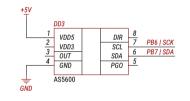
Current control



New Ver. Control Out Генерируем напряжение через DAC



Encoder Mag.

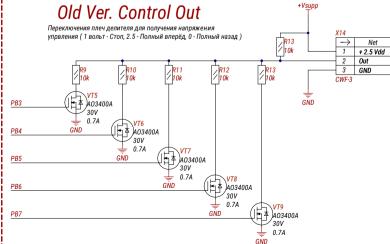


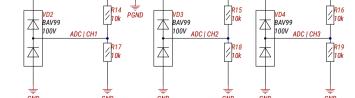
Display Out

- 4 типа дисплеев
- 1) e-ink на любом солнце видно + минимальное потребление 2) Oled яркий много потребляет, но доступна анимация
- 3) Строка из 7 разноцветных диодов



Old Ver. Control Out





ADC Input

+3V3

+3V3