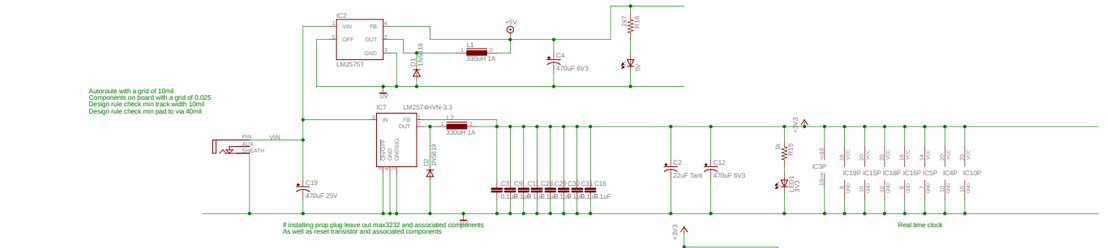
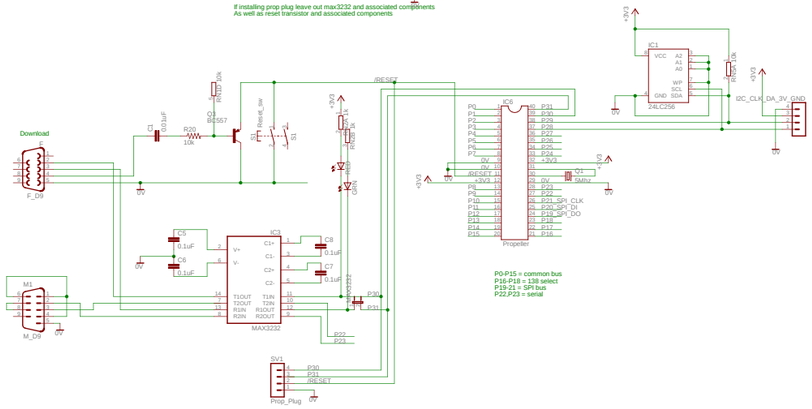
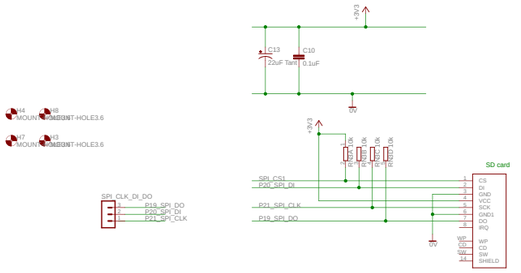
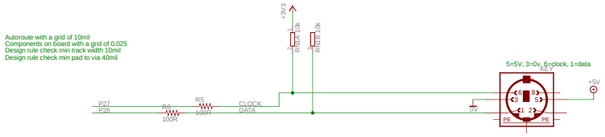
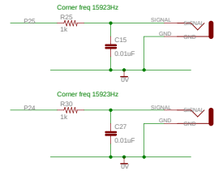

Autoroute with a grid of 10mil
Components on board with a grid of 0.025
Design rule check min track width 10mil
Design rule check min pad to via 40mil
LM2577
LM2574HVN-3.3
If installing prop plug leave out max3232 and associated components
As well as reset transistor and associated components
Real time clock

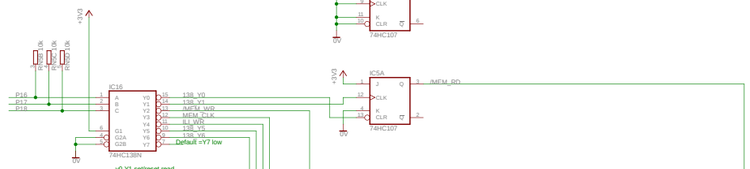

Download
P_D9
M_D9
MAX3232
Propeller
Prop_Plug
P0-P15 = common bus
P16-P18 = 138 select
P19-21 = SPI bus
P22,P23 = serial

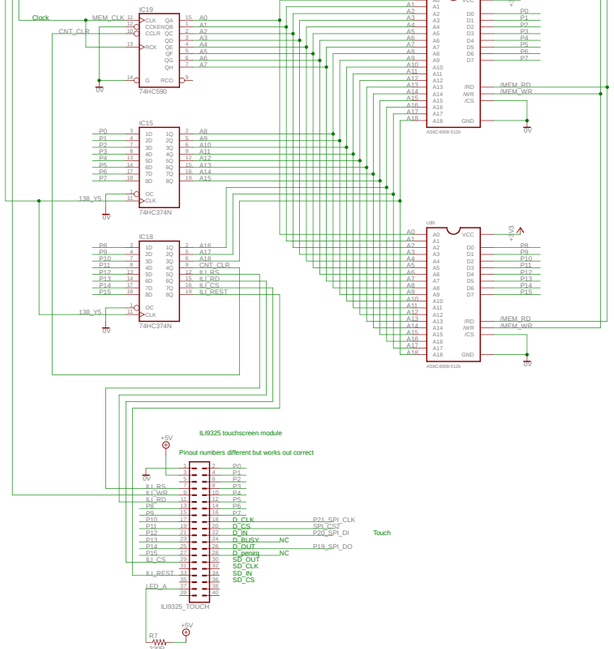
24LC256
I2C_CLK_DA_3V_GND

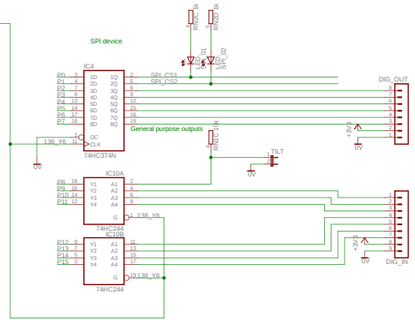

SD card
SPI_CS1
P20_SPI_DI
P21_SPI_CLK
P19_SPI_DO


Autoroute with a grid of 10mil
Components on board with a grid of 0.025
Design rule check min track width 10mil
Design rule check min pad to via 40mil
CLOCK
DATA
5=+5V, 3=0v, 6=clock, 1=data


Corner freq 15923Hz
Corner freq 15923Hz


74HC138N
y0,Y1 set/reset read
y2 = write to memory
y3 = memory clock
y4=write to ILI9325
y5 = 374 bank 1 (memory)
y6 = 374 bank 2
74HC107


Clock
74HC590
74HC374N
ASIC4608-512k
ILI9325 touchscreen module
Pinout numbers different but works out correct
ILI9325_TOUCH
Touch


SPI device
74HC374N
74HC244
DIO_OUT
DIO_IN
General purpose outputs
TILT