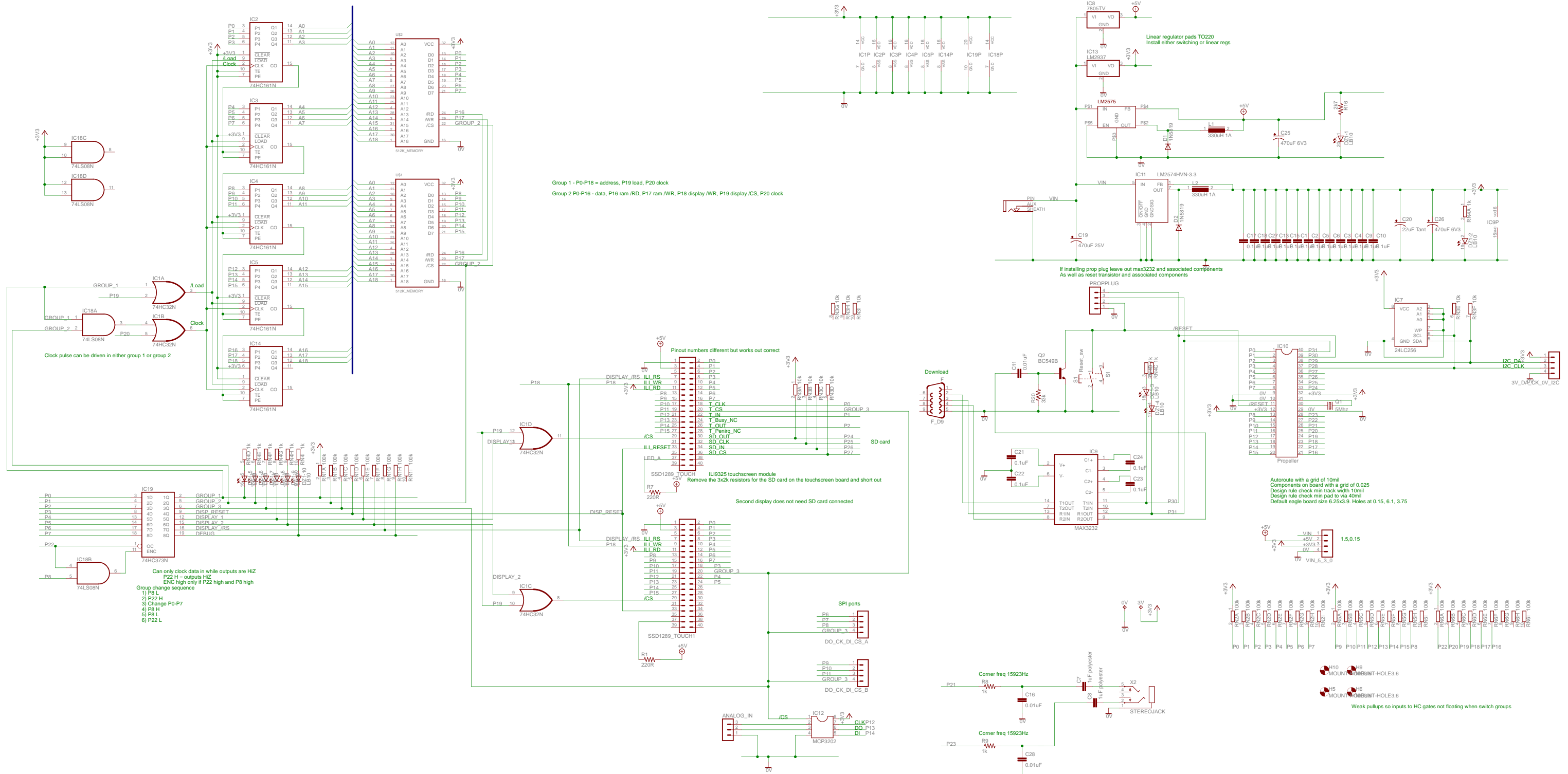


# Propeller Eurocard Touchburger 1



Group 1 - P0-P18 = address, P19 load, P20 clock  
 Group 2 P0-P16 = data, P16 ram /RD, P17 ram /WR, P18 display /WR, P19 display /CS, P20 clock

Clock pulse can be driven in either group 1 or group 2

Can only clock data in while outputs are HIZ  
 P22 H = outputs HIZ  
 ENC high only if P22 high and P8 high  
 Group change sequence  
 1) P8 L  
 2) P22 H  
 3) Change P0-P7  
 4) P8 H  
 5) P8 L  
 6) P22 L

Pinout numbers different but works out correct

Remove the 3x2k resistors for the SD card on the touchscreen board and short out

Second display does not need SD card connected

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  
 Default eagle board size 6.25x3.9. Holes at 0.15, 6.1, 3.75

Weak pullups so inputs to HC gates not floating when switch groups