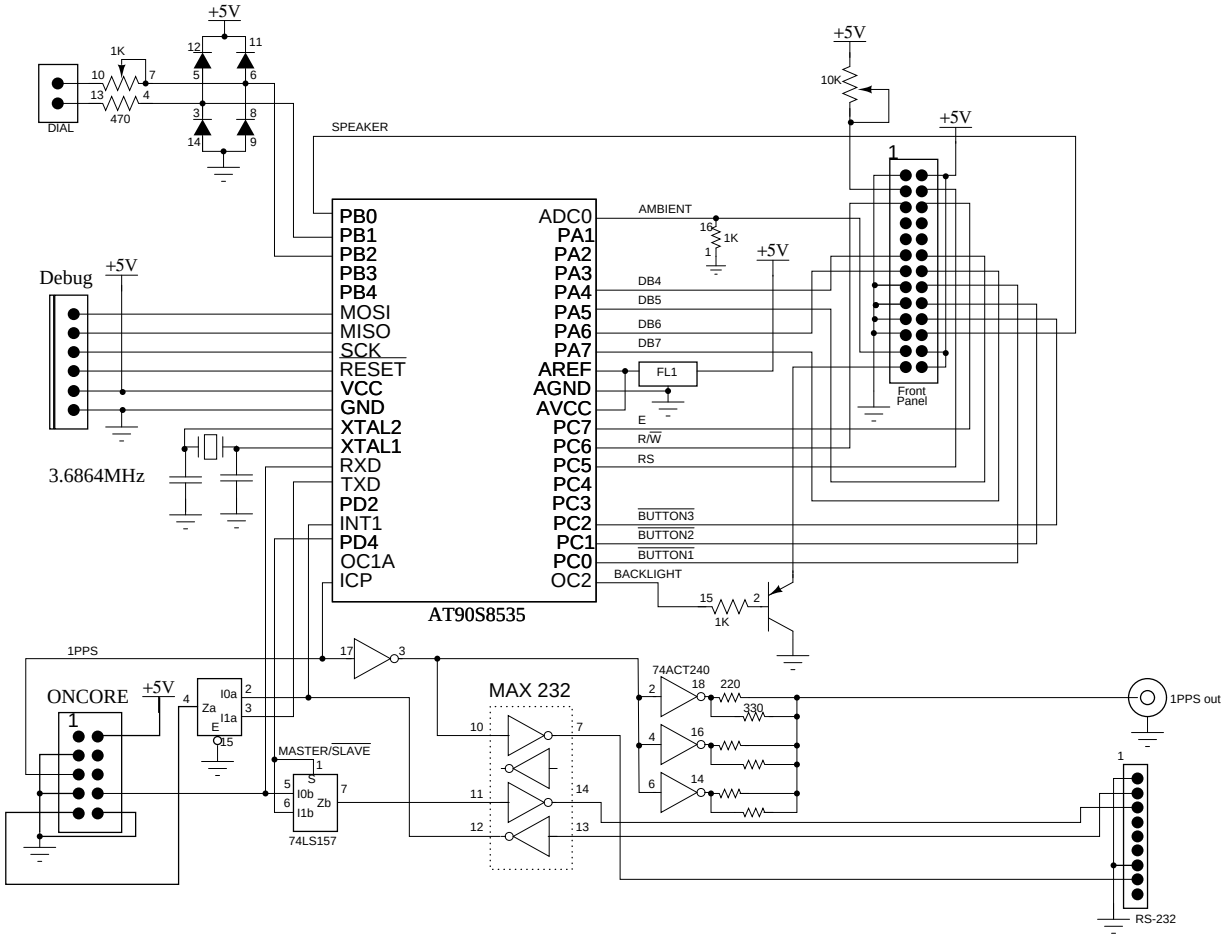
+5V
DIAL
1K
470
SPEAKER
10K
Debug
3.6864MHz
PB0
PB1
PB2
PB3
PB4
MOSI
MISO
SCK
RESET
VCC
GND
XTAL2
XTAL1
RXD
TXD
PD2
INT1
PD4
OC1A
ICP
ADC0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
AREF
AGND
AVCC
PC7
PC6
PC5
PC4
PC3
PC2
PC1
PC0
OC2
AT90S8535
AMBIENT
DB4
DB5
DB6
DB7
FL1
E
R/W
RS
BUTTON3
BUTTON2
BUTTON1
BACKLIGHT
Front Panel
1PPS
ONCORE
MASTER/SLAVE
74LS157
MAX 232
74ACT240
220
330
1PPS out
RS-232