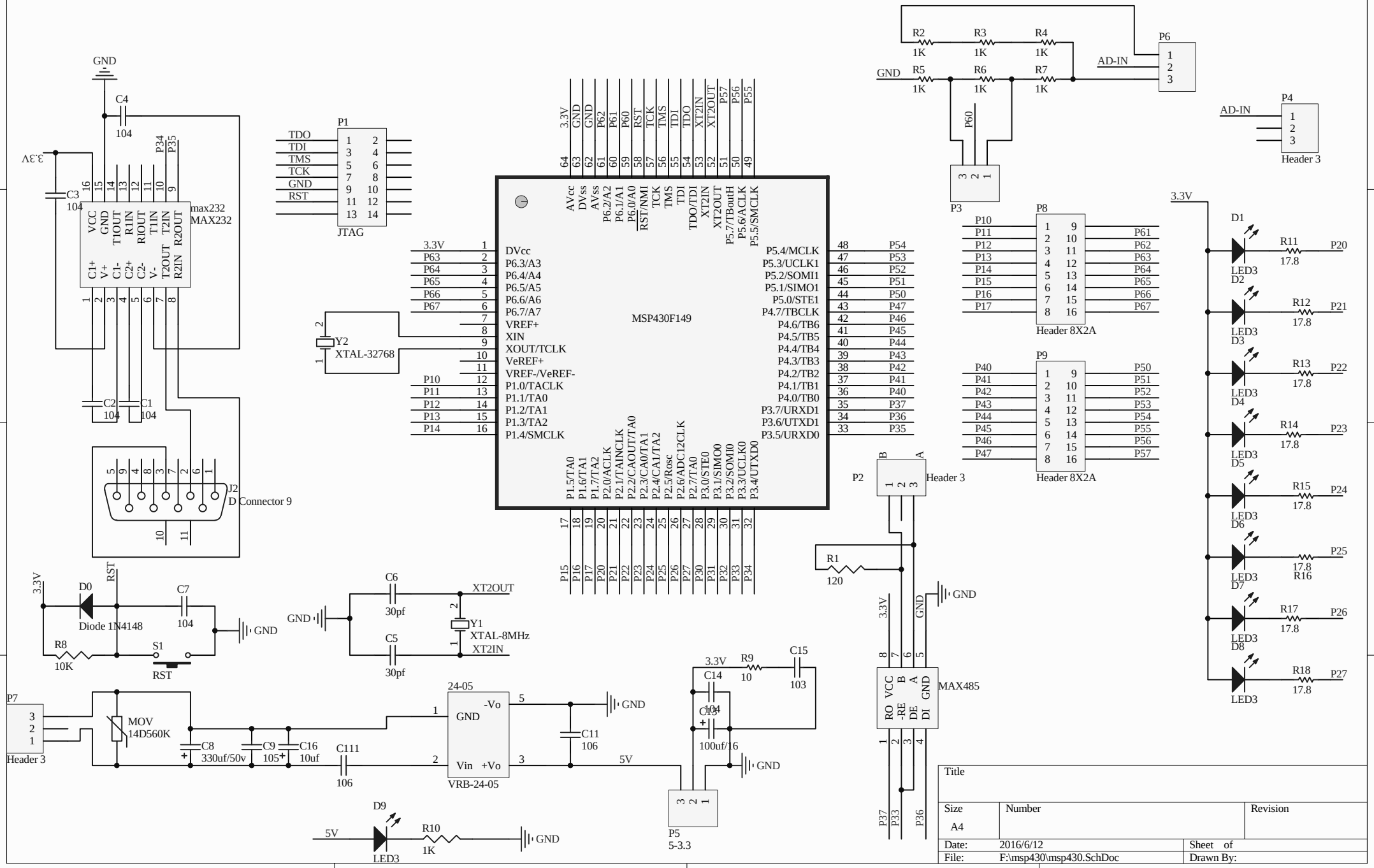
MSP430F149
max232
MAX232
VCC GND T1OUT R1IN RIOUT T1IN T2IN R2OUT
C1+ V+ C1- C2+ C2- V- T2OUT R2IN
C3 104
C4 104
C1 104
C2 104
3.3V
GND
P34 P35
J2
D Connector 9
JTAG
TDO TDI TMS TCK GND RST
P1
Y2
XTAL-32768
Y1
XTAL-8MHz
C6 30pf
C5 30pf
XT2OUT
XT2IN
D0
Diode 1N4148
C7 104
R8 10K
S1
RST
P7
Header 3
MOV
14D560K
C8 330uf/50v
C9 105
C16 10uf
C111 106
24-05
-Vo
GND
Vin +Vo
VRB-24-05
C11 106
5V
D9
LED3
R10 1K
P5
5-3.3
C14 104
C13 100uf/16
R9 10
C15 103
R1 120
P2
Header 3
MAX485
RO VCC B A
-RE DE DI GND
P37 P33 P36
R2 1K
R3 1K
R4 1K
R5 1K
R6 1K
R7 1K
P6
AD-IN
P3
P60
P4
Header 3
P8
Header 8X2A
P9
Header 8X2A
D1 D2 D3 D4 D5 D6 D7 D8
LED3
R11 17.8
R12 17.8
R13 17.8
R14 17.8
R15 17.8
R16 17.8
R17 17.8
R18 17.8
P20 P21 P22 P23 P24 P25 P26 P27
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