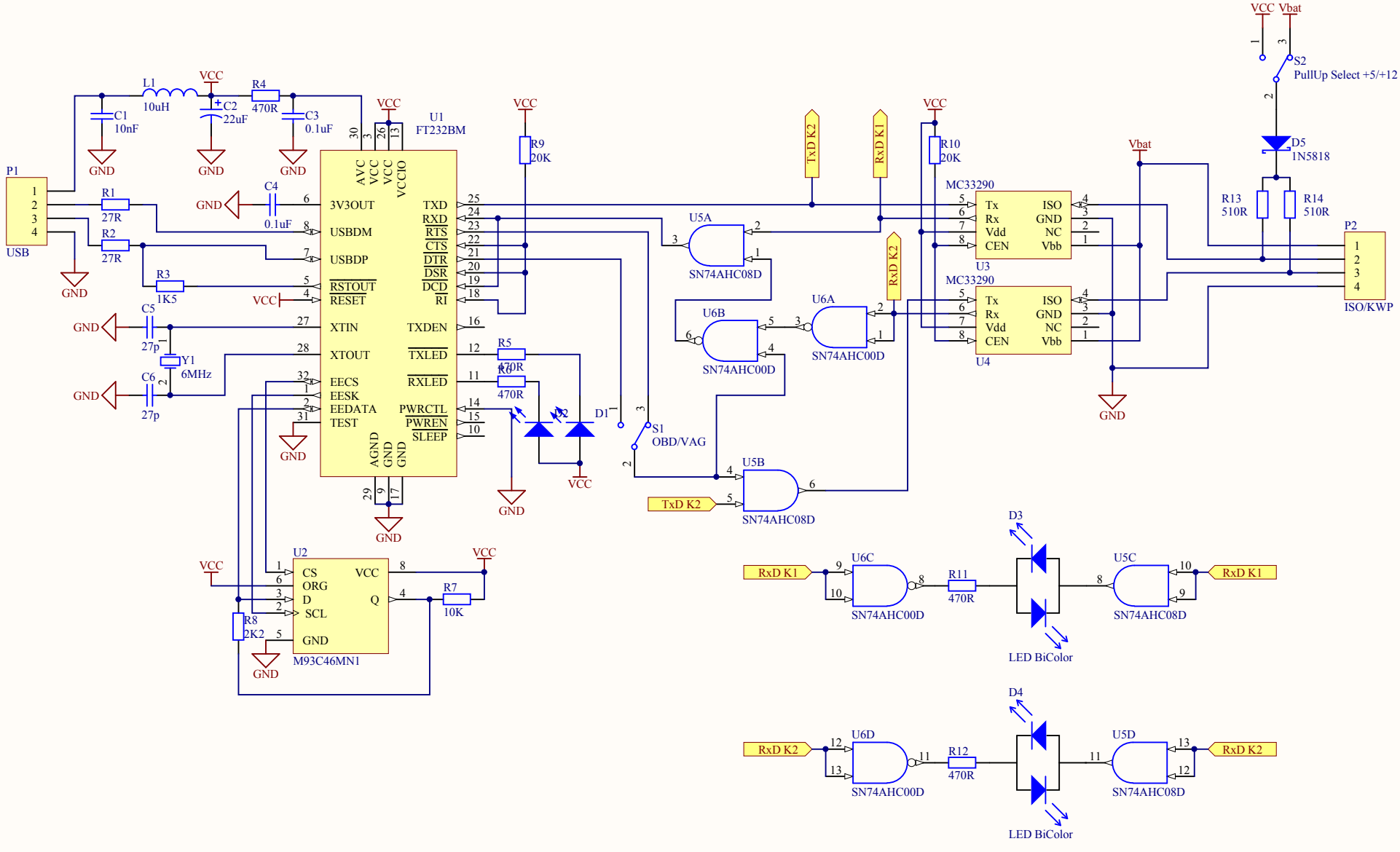
P1
USB
L1
10uH
C1
10nF
C2
22uF
R4
470R
C3
0.1uF
U1
FT232BM
3V3OUT
USBDM
USBDP
RSTOUT
RESET
XTIN
XTOUT
EECS
EESK
EEDATA
TEST
TXD
RXD
RTS
CTS
DTR
DSR
DCD
RI
TXDEN
TXLED
RXLED
PWRCTL
PWREN
SLEEP
AVC
VCC
VCCIO
AGND
R1
27R
R2
27R
R3
1K5
C4
0.1uF
C5
27p
C6
27p
Y1
6MHz
R5
470R
R6
470R
D1
D2
R9
20K
S1
OBD/VAG
U5A
SN74AHC08D
U6B
SN74AHC00D
U6A
SN74AHC00D
U5B
SN74AHC08D
TxD K2
RxD K1
RxD K2
R10
20K
MC33290
Tx
Rx
Vdd
CEN
ISO
GND
NC
Vbb
U3
U4
Vbat
S2
PullUp Select +5/+12
D5
1N5818
R13
510R
R14
510R
P2
ISO/KWP
U2
CS
ORG
D
SCL
Q
M93C46MN1
R7
10K
R8
2K2
U6C
U5C
R11
470R
LED BiColor
D3
U6D
U5D
R12
470R
D4
GND
VCC
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Number
Revision
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15.01.2010
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Drawn By: