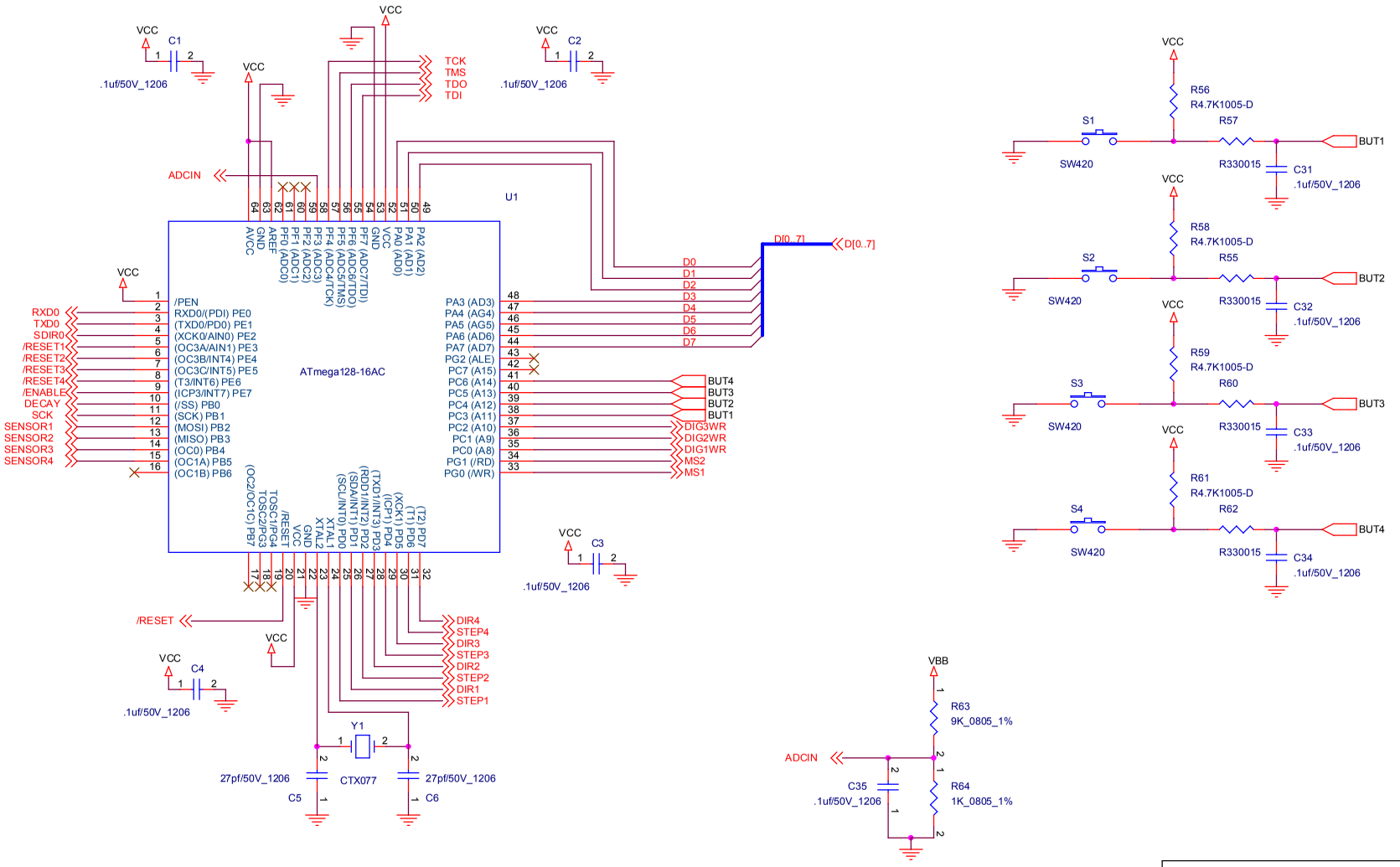
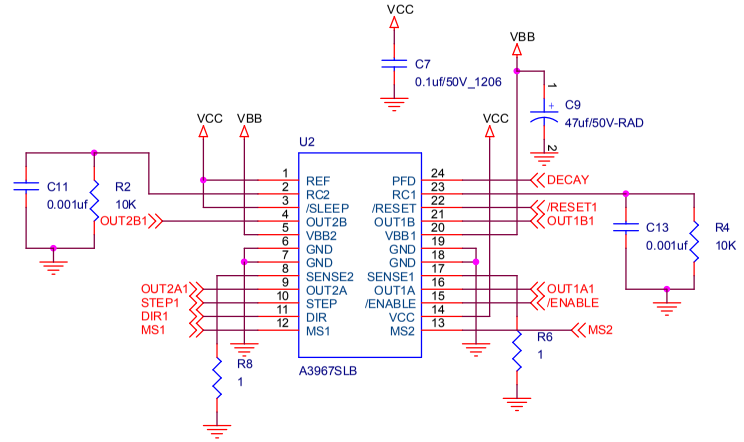
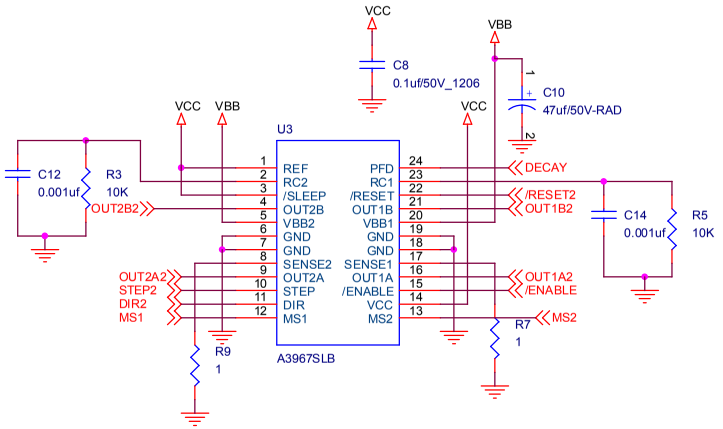
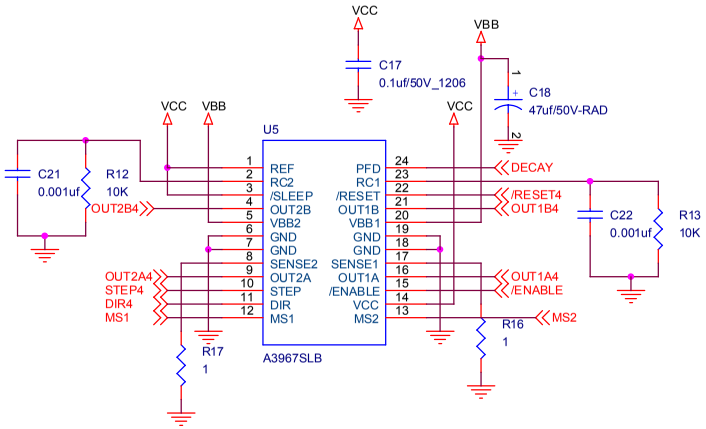
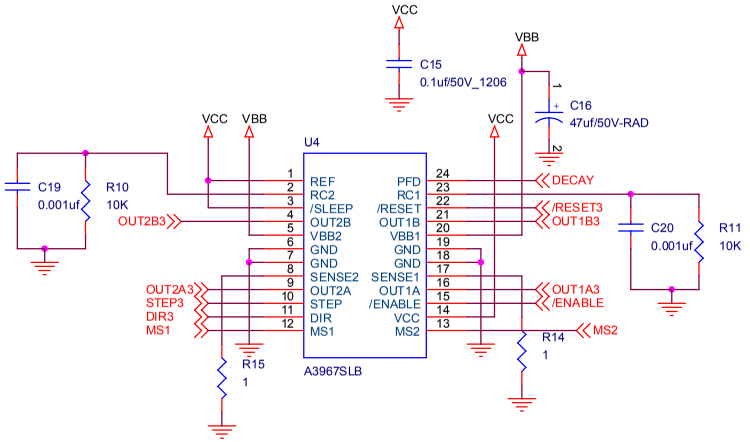


Title	Nexera Stepper Drive	
Size B	Document Number 290-02-003	Rev C
Date: Monday, April 30, 2007	Sheet 1 of 3	

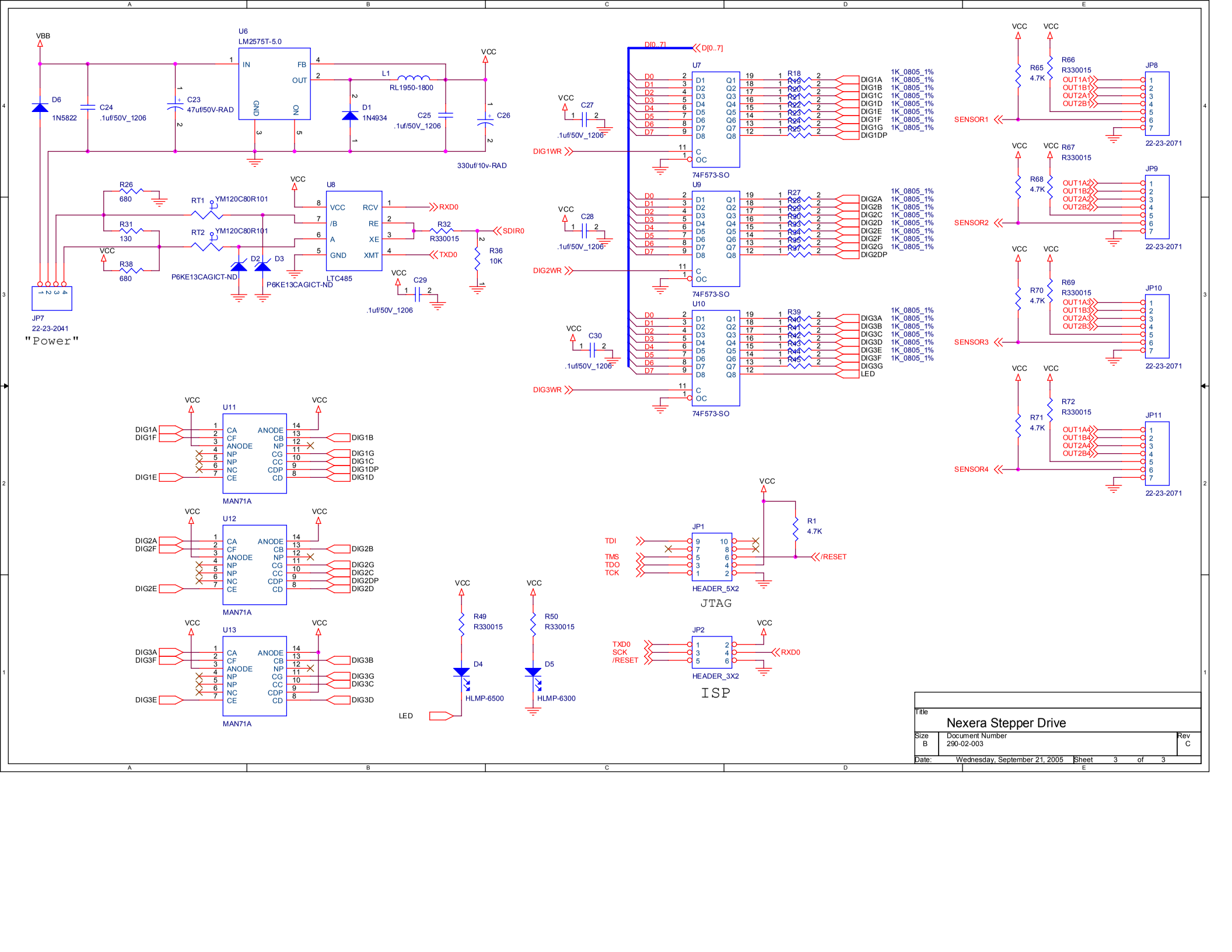








Title	Nexera Stepper Drive	
Size B	Document Number 290-02-003	Rev C
Date: Tuesday, September 06, 2005	Sheet 2 of 3	


VBB
U6
LM2575T-5.0
IN
FB
OUT
GND
NO
L1
RL1950-1800
VCC
D6
1N5822
C24
.1uf/50V_1206
C23
47uf/50V-RAD
D1
1N4934
C25
.1uf/50V_1206
C26
330uf/10v-RAD
R26
680
RT1
YM120C80R101
R31
130
RT2
YM120C80R101
R38
680
D2
D3
P6KE13CAGICT-ND
P6KE13CAGICT-ND
U8
LTC485
VCC
/B
A
GND
RCV
RE
XE
XMT
RXD0
TXD0
R32
R330015
SDIR0
R36
10K
C29
.1uf/50V_1206
JP7
22-23-2041
"Power"
D[0..7]
U7
U9
U10
74F573-SO
C27
C28
C30
.1uf/50V_1206
DIG1WR
DIG2WR
DIG3WR
R18
R27
R39
1K_0805_1%
DIG1A
DIG1B
DIG1C
DIG1D
DIG1E
DIG1F
DIG1DP
DIG2A
DIG2B
DIG2C
DIG2D
DIG2E
DIG2F
DIG2DP
DIG3A
DIG3B
DIG3C
DIG3D
DIG3E
DIG3F
DIG3G
LED
R65
4.7K
R66
R330015
JP8
SENSOR1
22-23-2071
R67
R330015
R68
4.7K
JP9
SENSOR2
R69
R330015
R70
4.7K
JP10
SENSOR3
R72
R330015
R71
4.7K
JP11
SENSOR4
OUT1A1
OUT1B1
OUT2A1
OUT2B1
OUT1A2
OUT1B2
OUT2A2
OUT2B2
OUT1A3
OUT1B3
OUT2A3
OUT2B3
OUT1A4
OUT1B4
OUT2A4
OUT2B4
U11
U12
U13
MAN71A
CA
CF
ANODE
NP
CG
CC
CDP
CD
NC
CE
R49
R330015
R50
R330015
D4
D5
HLMP-6500
HLMP-6300
JP1
HEADER_5X2
JTAG
TDI
TMS
TDO
TCK
R1
4.7K
/RESET
JP2
HEADER_3X2
ISP
TXD0
SCK
/RESET
Title
Nexera Stepper Drive
Size
B
Document Number
290-02-003
Rev
C
Date:
Wednesday, September 21, 2005
Sheet
3
of
3