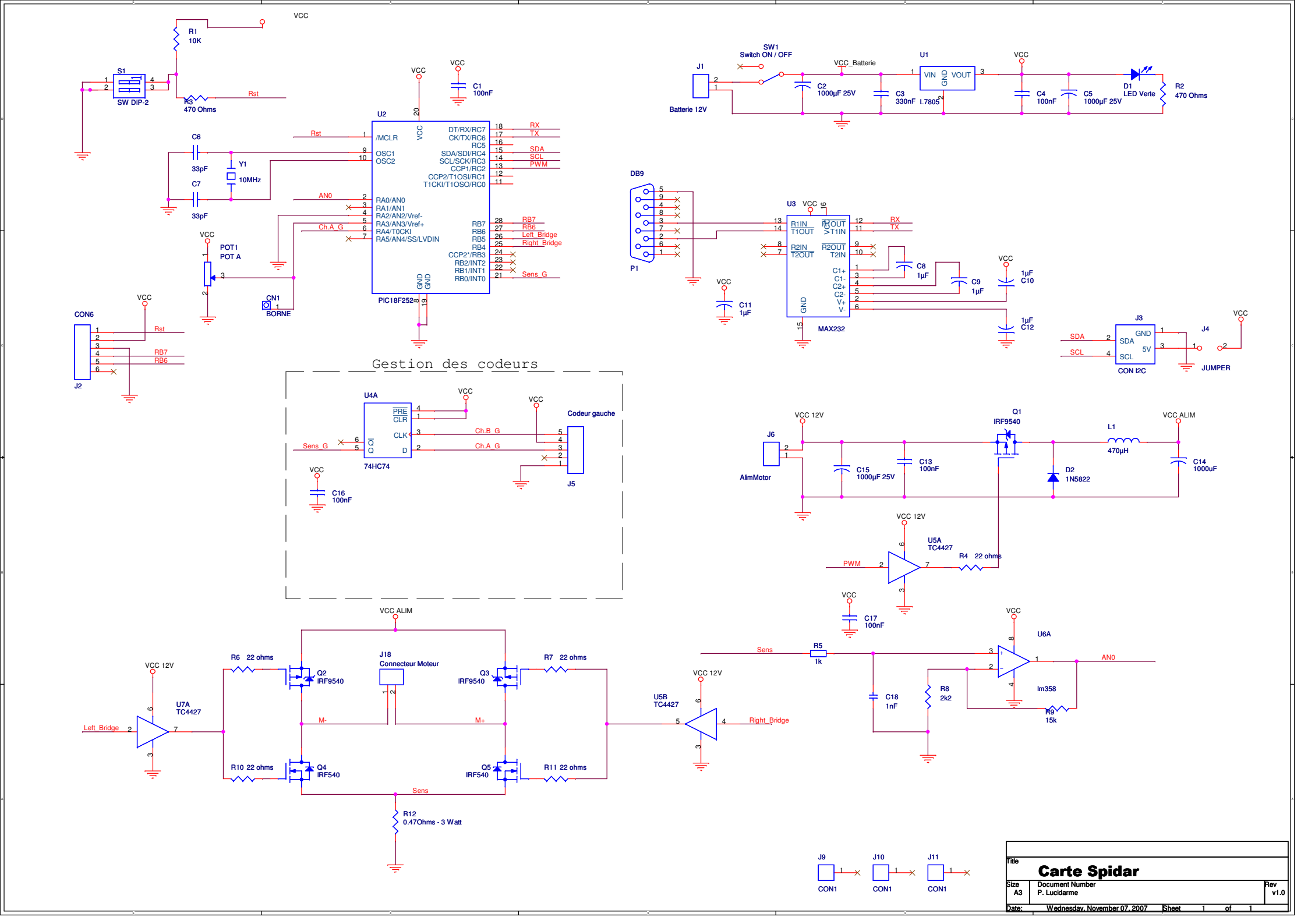
VCC
R1
10K
S1
SW DIP-2
R3
470 Ohms
Rst
C1
100nF
U2
/MCLR
OSC1
OSC2
RA0/AN0
RA1/AN1
RA2/AN2/Vref-
RA3/AN3/Vref+
RA4/T0CKI
RA5/AN4/SS/LVDIN
DT/RX/RC7
CK/TX/RC6
RC5
SDA/SDI/RC4
SCL/SCK/RC3
CCP1/RC2
CCP2/T1OSI/RC1
T1CKI/T1OSO/RC0
RB7
RB6
RB5
RB4
RB3
RB2/INT2
RB1/INT1
RB0/INT0
PIC18F252
RX
TX
SDA
SCL
PWM
Left_Bridge
Right_Bridge
Sens_G
C6
33pF
C7
33pF
Y1
10MHz
AN0
Ch.A_G
POT1
POT A
CN1
BORNE
CON6
J2
RB7
RB6
SW1
Switch ON / OFF
J1
Batterie 12V
VCC_Batterie
C2
1000µF 25V
C3
330nF
U1
VIN
GND
VOUT
L7805
C4
100nF
C5
1000µF 25V
D1
LED Verte
R2
470 Ohms
DB9
P1
U3
MAX232
R1IN
R2IN
T1OUT
T2OUT
R1OUT
R2OUT
T1IN
T2IN
C1+
C1-
C2+
C2-
V+
V-
C8
1µF
C9
1µF
C10
1µF
C11
1µF
C12
1µF
J3
CON I2C
J4
JUMPER
Gestion des codeurs
U4A
74HC74
PRE
CLR
CLK
D
Q
Ch.B_G
Ch.A_G
Codeur gauche
J5
C16
100nF
J6
AlimMotor
C15
1000µF 25V
C13
100nF
Q1
IRF9540
D2
1N5822
L1
470µH
C14
1000uF
VCC 12V
VCC ALIM
U5A
TC4427
PWM
R4 22 ohms
C17
100nF
U6A
lm358
Sens
R5
1k
C18
1nF
R8
2k2
R9
15k
AN0
U7A
TC4427
Left_Bridge
R6 22 ohms
R7 22 ohms
R10 22 ohms
R11 22 ohms
Q2
IRF9540
Q3
IRF9540
Q4
IRF540
Q5
IRF540
J18
Connecteur Moteur
M-
M+
U5B
TC4427
Right_Bridge
R12
0.47Ohms - 3 Watt
J9
J10
J11
CON1
CON1
CON1
Title
Carte Spidar
Size
A3
Document Number
P. Lucidarme
Rev
v1.0
Date:
Wednesday, November 07, 2007
Sheet
1
of
1