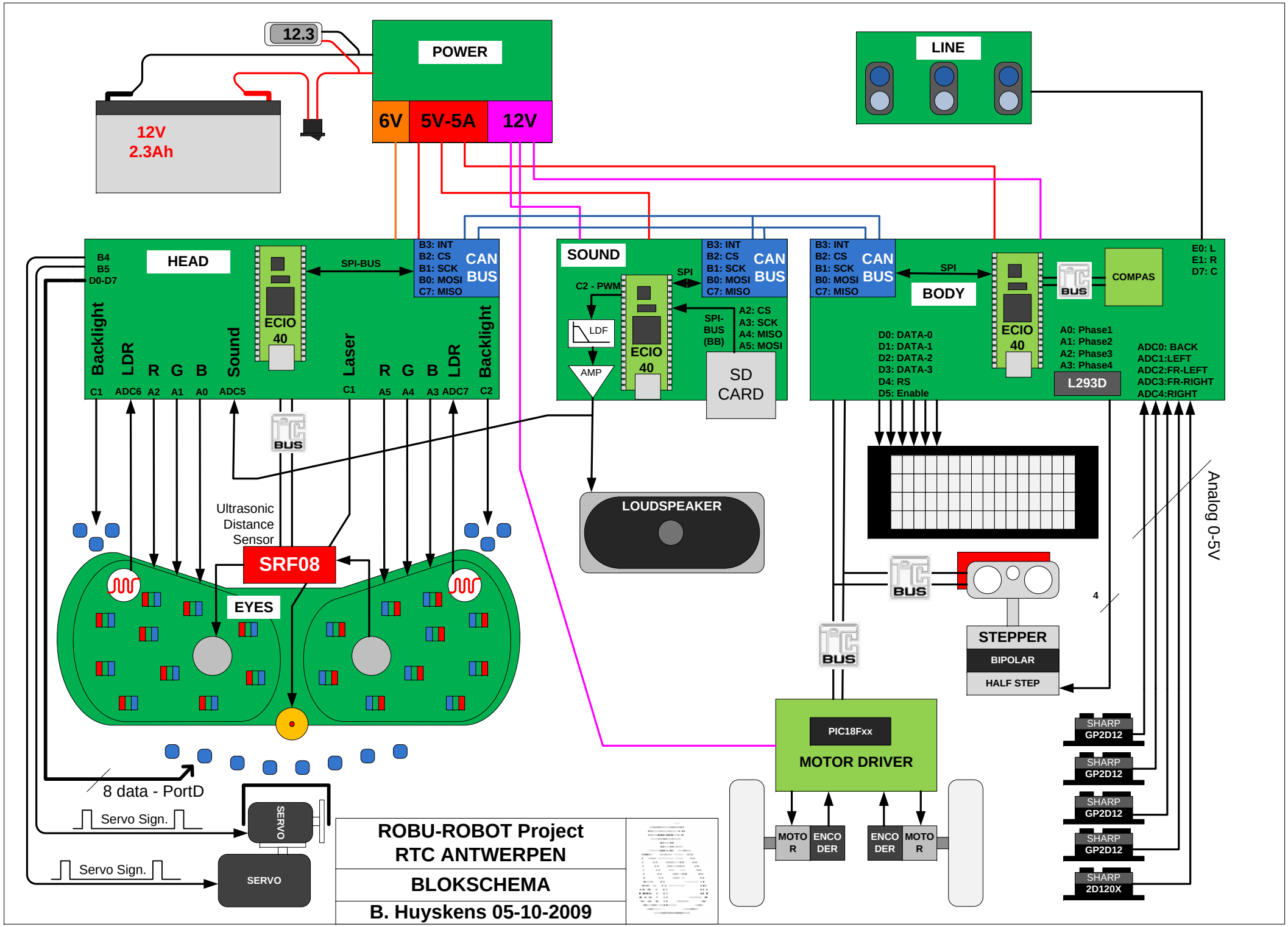
12.3
POWER
6V
5V-5A
12V
12V
2.3Ah
LINE
HEAD
B4
B5
D0-D7
SPI-BUS
B3: INT
B2: CS
B1: SCK
B0: MOSI
C7: MISO
CAN BUS
ECIO 40
Backlight
LDR
R G B
Sound
Laser
R G B
LDR
Backlight
C1 ADC6 A2 A1 A0 ADC5
C1 A5 A4 A3 ADC7 C2
SOUND
C2 - PWM
LDF
AMP
SPI
SPI-BUS (BB)
A2: CS
A3: SCK
A4: MISO
A5: MOSI
SD CARD
BODY
SPI
E0: L
E1: R
D7: C
COMPAS
D0: DATA-0
D1: DATA-1
D2: DATA-2
D3: DATA-3
D4: RS
D5: Enable
A0: Phase1
A1: Phase2
A2: Phase3
A3: Phase4
L293D
ADC0: BACK
ADC1:LEFT
ADC2:FR-LEFT
ADC3:FR-RIGHT
ADC4:RIGHT
Analog 0-5V
LOUDSPEAKER
Ultrasonic Distance Sensor
SRF08
EYES
STEPPER
BIPOLAR
HALF STEP
4
PIC18Fxx
MOTOR DRIVER
MOTOR
ENCODER
ENCODER
MOTOR
SHARP GP2D12
SHARP GP2D12
SHARP GP2D12
SHARP GP2D12
SHARP 2D120X
8 data - PortD
Servo Sign.
Servo Sign.
SERVO
SERVO
ROBU-ROBOT Project
RTC ANTWERPEN
BLOKSCHEMA
B. Huyskens 05-10-2009