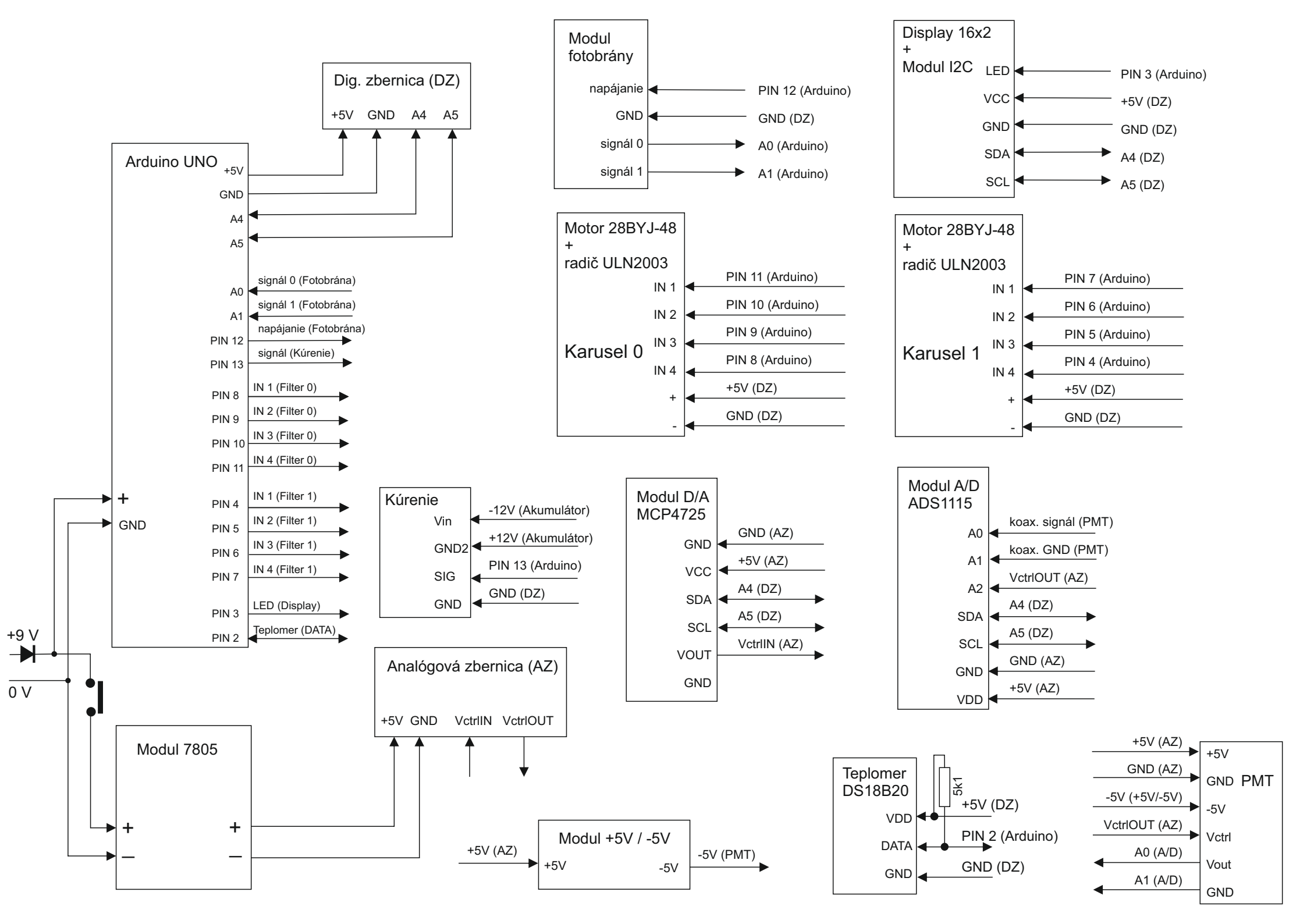
Dig. zbernica (DZ)
+5V GND A4 A5
Modul fotobrány
napájanie
GND
signál 0
signál 1
PIN 12 (Arduino)
GND (DZ)
A0 (Arduino)
A1 (Arduino)
Display 16x2 + Modul I2C
LED
VCC
GND
SDA
SCL
PIN 3 (Arduino)
+5V (DZ)
GND (DZ)
A4 (DZ)
A5 (DZ)
Arduino UNO
+5V
GND
A4
A5
A0
A1
PIN 12
PIN 13
PIN 8
PIN 9
PIN 10
PIN 11
PIN 4
PIN 5
PIN 6
PIN 7
PIN 3
PIN 2
signál 0 (Fotobrána)
signál 1 (Fotobrána)
napájanie (Fotobrána)
signál (Kúrenie)
IN 1 (Filter 0)
IN 2 (Filter 0)
IN 3 (Filter 0)
IN 4 (Filter 0)
IN 1 (Filter 1)
IN 2 (Filter 1)
IN 3 (Filter 1)
IN 4 (Filter 1)
LED (Display)
Teplomer (DATA)
+
GND
Motor 28BYJ-48 + radič ULN2003
Karusel 0
IN 1
IN 2
IN 3
IN 4
+
-
PIN 11 (Arduino)
PIN 10 (Arduino)
PIN 9 (Arduino)
PIN 8 (Arduino)
+5V (DZ)
GND (DZ)
Motor 28BYJ-48 + radič ULN2003
Karusel 1
IN 1
IN 2
IN 3
IN 4
+
-
PIN 7 (Arduino)
PIN 6 (Arduino)
PIN 5 (Arduino)
PIN 4 (Arduino)
+5V (DZ)
GND (DZ)
Kúrenie
Vin
GND2
SIG
GND
-12V (Akumulátor)
+12V (Akumulátor)
PIN 13 (Arduino)
GND (DZ)
Modul D/A MCP4725
GND
VCC
SDA
SCL
VOUT
GND
GND (AZ)
+5V (AZ)
A4 (DZ)
A5 (DZ)
VctrlIN (AZ)
Modul A/D ADS1115
A0
A1
A2
SDA
SCL
GND
VDD
koax. signál (PMT)
koax. GND (PMT)
VctrlOUT (AZ)
A4 (DZ)
A5 (DZ)
GND (AZ)
+5V (AZ)
+9 V
0 V
Analógová zbernica (AZ)
+5V GND VctrlIN VctrlOUT
Modul 7805
+
–
+
–
Modul +5V / -5V
+5V
-5V
+5V (AZ)
-5V (PMT)
Teplomer DS18B20
VDD
DATA
GND
5k1
+5V (DZ)
PIN 2 (Arduino)
GND (DZ)
+5V (AZ)
GND (AZ)
-5V (+5V/-5V)
VctrlOUT (AZ)
A0 (A/D)
A1 (A/D)
+5V
GND
-5V
Vctrl
Vout
GND
PMT