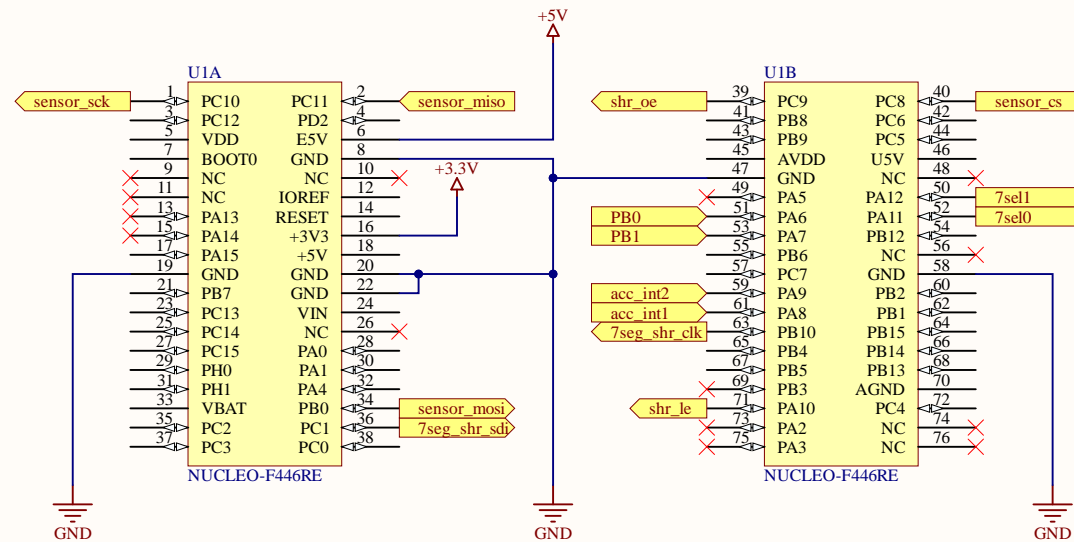
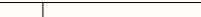
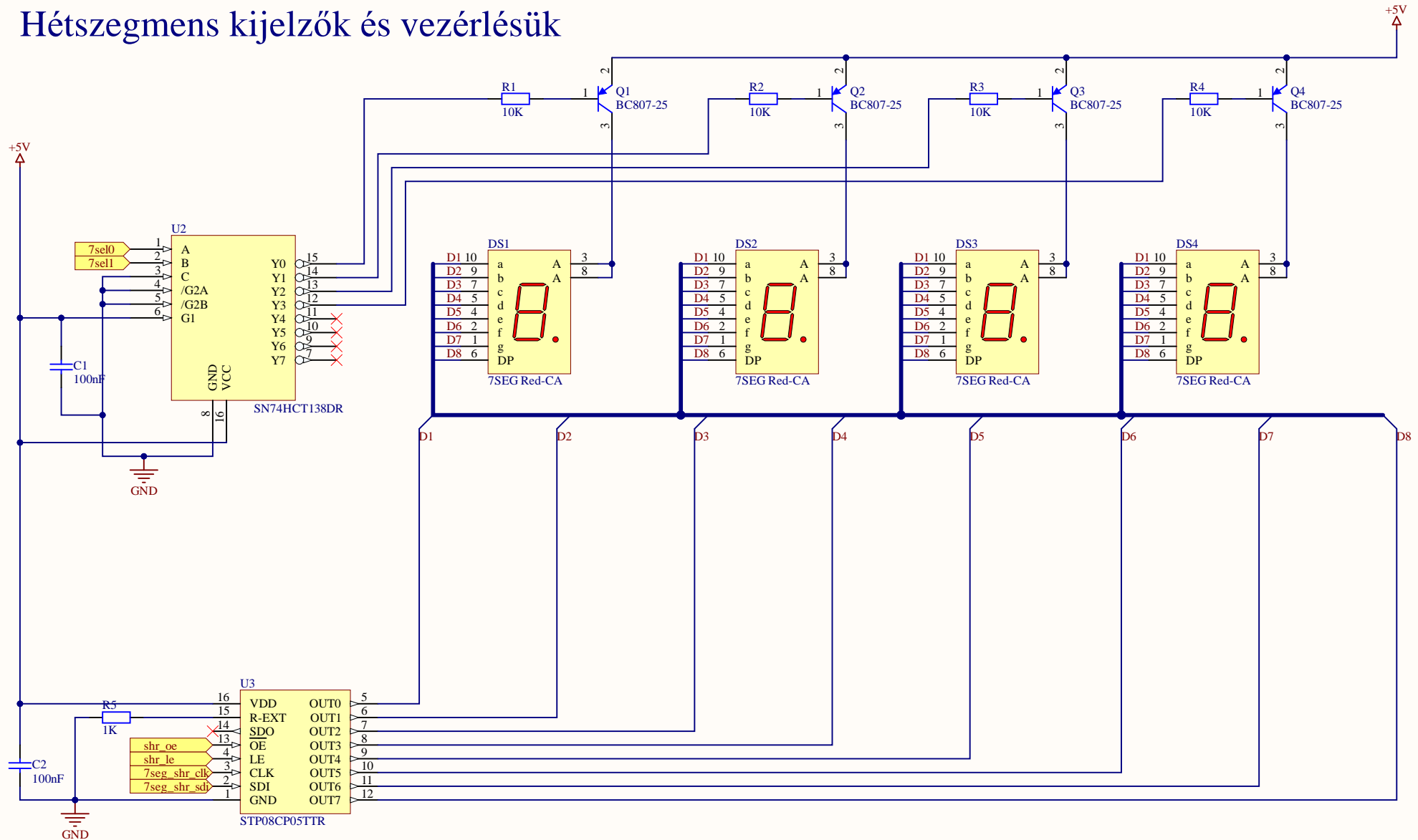


# Nucleo



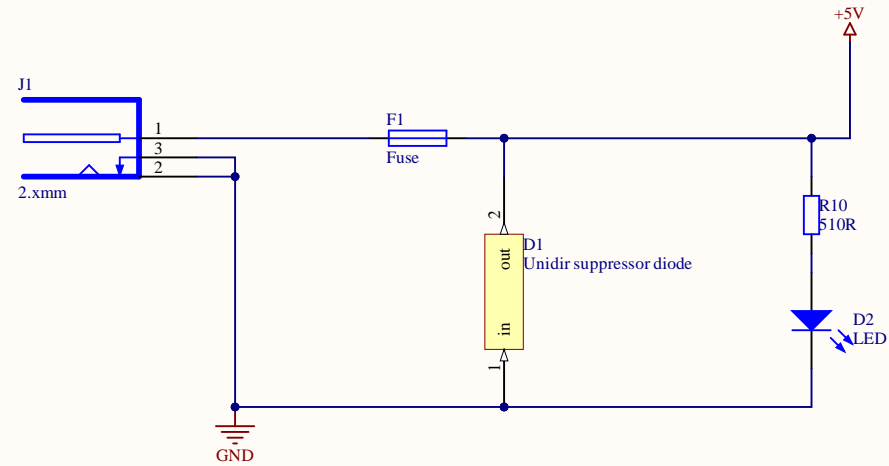
Title <i>Nucleo kártya</i>			Debreczeni László BME-AUT	
Size: A4	Number: 1	Revision: A27		
Date: 2022.03.17.	Time: 21:41:42	Sheet 1 of 5		
File: C:\Users\László\OneDrive\BME\semester6\mikrokontroller_labor\hf\hallglib\hazi_kiindulas\Nucleo.SchDoc				

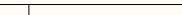
# Hétszegmens kijelzők és vezérlésük



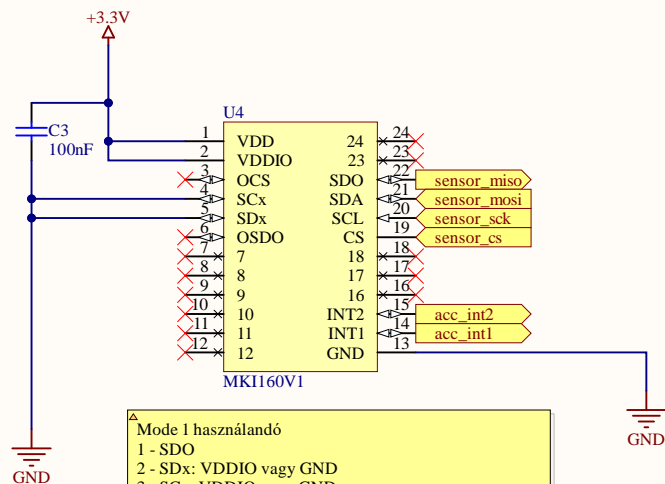
Title <b>7 szegmens kijelzők</b>			Debreceni László BME-AUT	BME AUT
Size: A4	Number: 2	Revision: A27		
Date: 2022.03.17.	Time: 21:41:42	Sheet 2 of 5		
File: C:\Users\László\OneDrive\BME\semester6\mikrokontroller_labor\hf\hallglib\hazi_kiindulas\7segment.SchDoc				

# Tápvédelmi áramkör



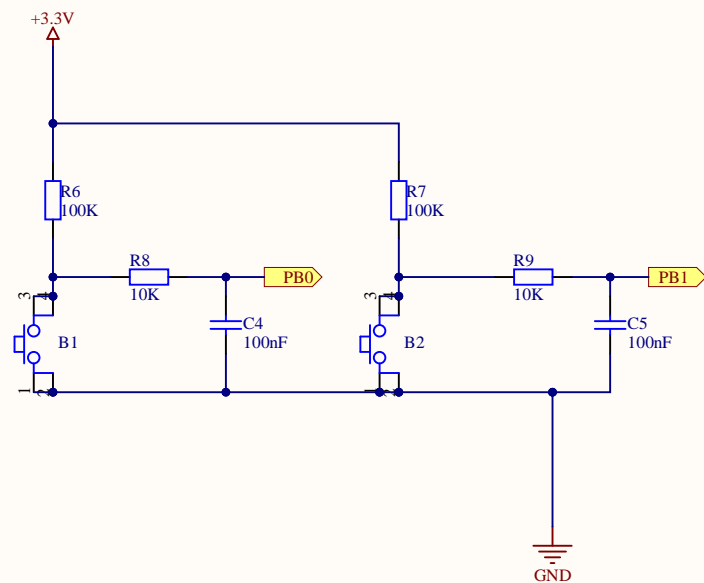
Title <i>Tápellátás</i>			Debreczeni László BME-AUT	
Size: A4	Number:3	Revision:A27		
Date: 2022.03.17.	Time: 21:41:43	Sheet 3 of 5		
File: C:\Users\László\OneDrive\BME\semester6\mikrokontroller_labor\hf\hallglib\hazi_kiindulas\Power.SchDoc				


# Gyorsulásérzékelő modul

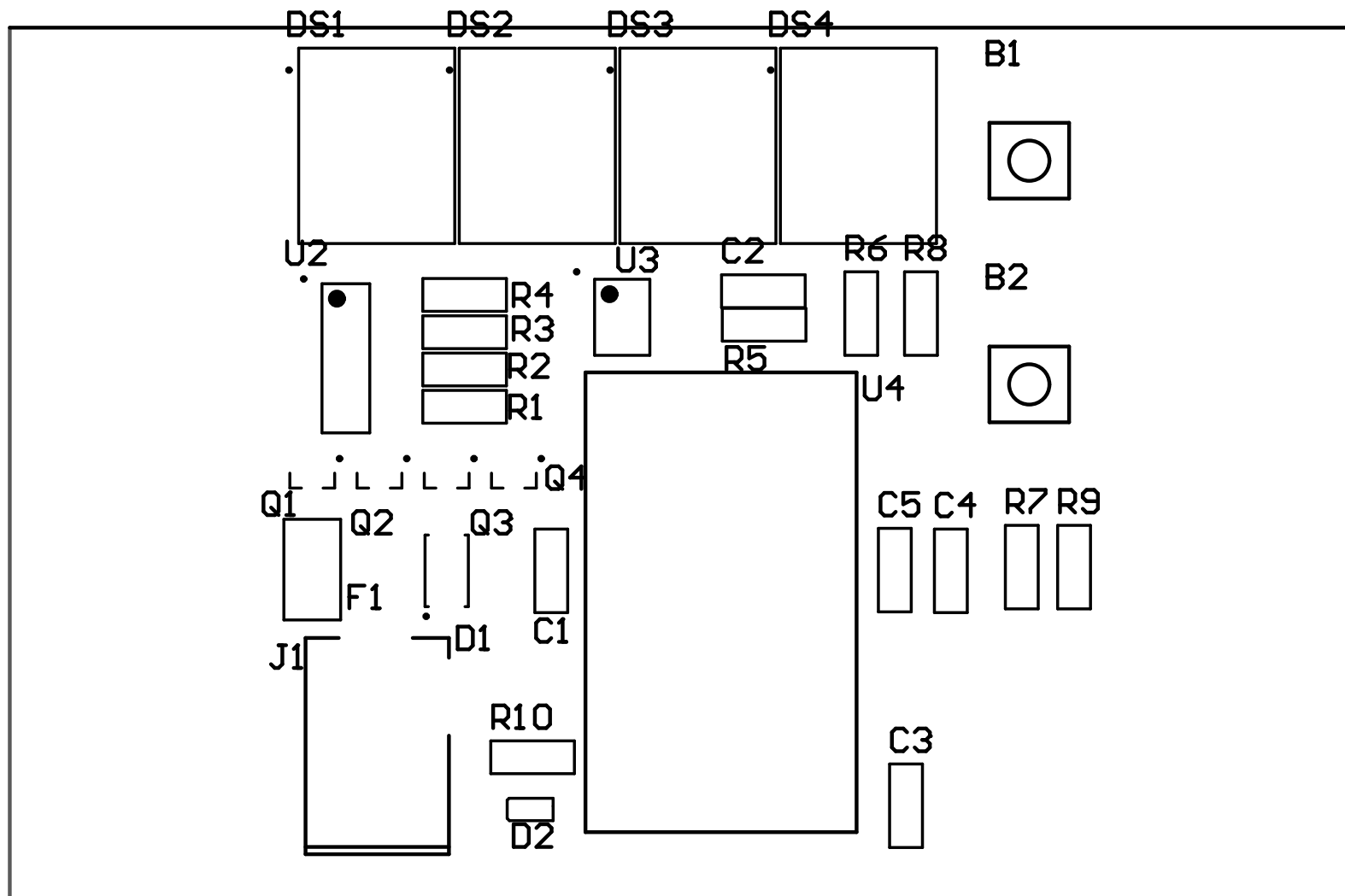


- Mode 1 használándó
- 1 - SDO
  - 2 - SDx: VDDIO vagy GND
  - 3 - SCx: VDDIO vagy GND
  - 4 - INT1 programozható interrupt
  - 5 - VDDIO
  - 6 - GND
  - 7 - GND
  - 8 - VDD
  - 9 - INT2 programozható interrupt/data enable (DEN)
  - 10 - OCS\_Aux hagy bekötetlenül
  - 11 - SDO\_Aux kösd VDDIO-ra vagy hagy bekötetlenül
  - 12 - CS 1=SPI Idle, 0=SPI communication mode
  - 13 - SCL: SPI serial port clock
  - 14 - SDA: SDI/3-wire interface SDO

# Nyomógombok



Title <b>Nyomógombok</b>			Debreczeni László BME-AUT	
Size: <b>A4</b>	Number: <b>5</b>	Revision: <b>A27</b>		
Date: <b>2022.03.17.</b>	Time: <b>21:41:44</b>	Sheet <b>5</b> of <b>5</b>		
File: <b>C:\Users\László\OneDrive\BME\semester6\mikrokontroller_labor\hf\hallglib\hazi_kiindulas\Pushbuttons.SchDoc</b>				



U1

CN7

CN10

Designator	Reference	Name	Quantity	Footprint	Supplier
B1, B2	45-05-43	4P Pushbutton	2	FP_BTN_SMD	Lomex
C1, C2, C3, C4, C5	82-14-64	100nF 1206 Capacitor	5	FP_1206_CAP_125	Lomex
D1	96-03-85	Suppressor diode	1	DIOM4426X23M	Lomex
D2	95-02-77	Green LED	1	FP_0805_LED_RED	Lomex
DS1, DS2, DS3, DS4	35-03-94	FYS-3911BUHR-21	4	FP_7SEG	Lomex
F1	44-04-71	SMD Fuse	1	FP_MULTIFUSE	Lomex
J1	43-07-67	TÁP DC ANYA 5.5/2.1/9.5mm DCS-5521-5	1	FP_DC_TAP_ANY A	Lomex
Q1, Q2, Q3, Q4	86-05-63	BC807-25	4	SOT95P240X115-3M	Lomex
R1, R2, R3, R4, R8, R9	81-11-59	10K 1206 Resistor	6	FP_1206_RES	Lomex
R5	81-11-47	1K 1206 Resistor	1	FP_1206_RES	Lomex
R6, R7	81-11-71	100K 1206 resistor	2	FP_1206_RES	Lomex
R10	81-12-04	1206 Resistor	1	FP_1206_RES	Lomex
U1	NUCLEO	Nucleo F446RE	1	FP_NUCLEO-64	Tanszék
U2	87-06-49	SN74HCT138DR	1	SOIC127P600X175-16M	Lomex
U3		STP08CP05TTR	1	TSOP65P640X120-16M	ST, Tanszéki forrás
U4	511-STEVAL-MKI160V1	MKI160V1 LSM6DS3 inertial module adapter	1	FP_DIL24	Mouser