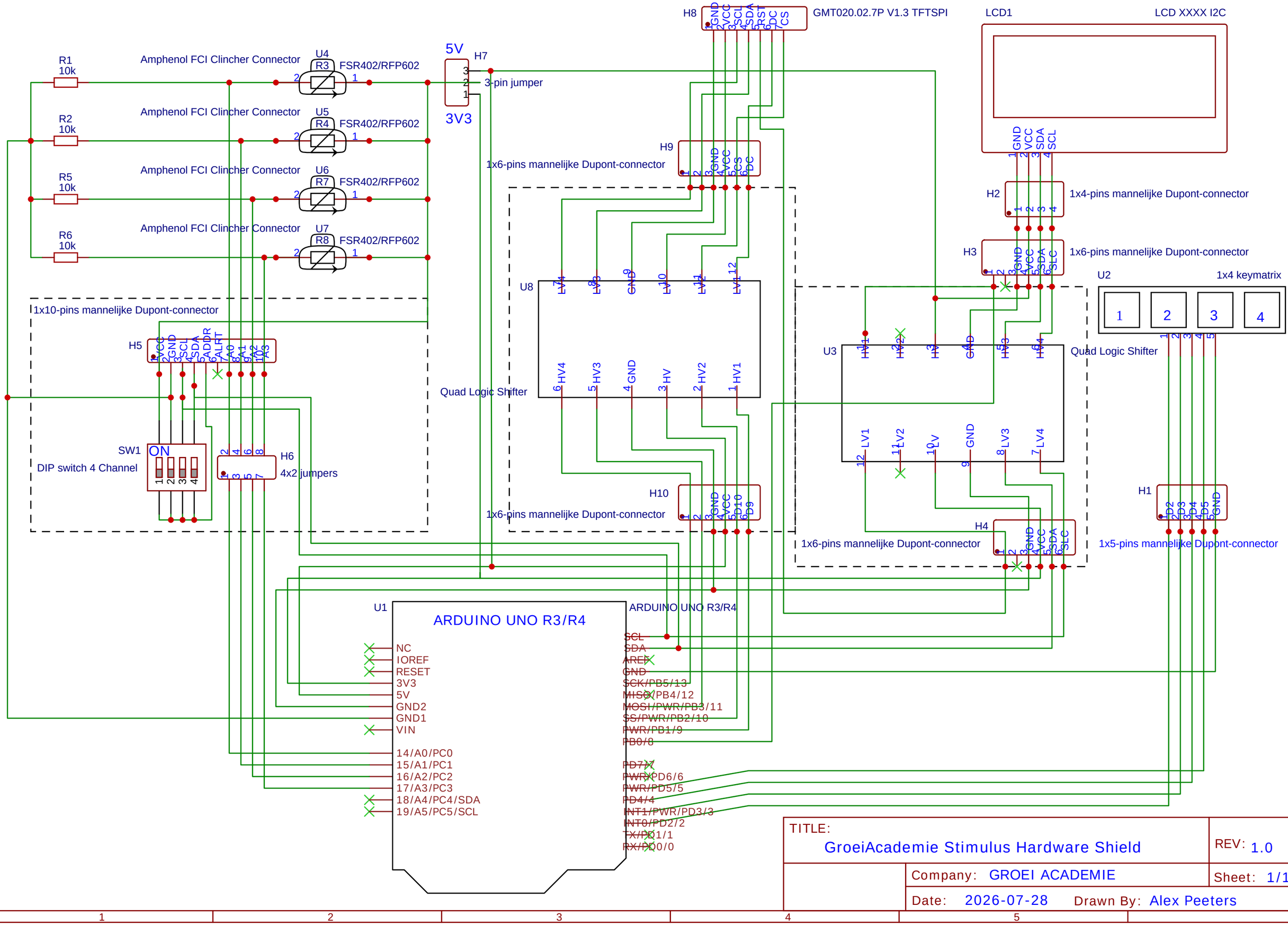
H8
GMT020.02.7P V1.3 TFTSPI
LCD1
LCD XXXX I2C
5V
H7
3-pin jumper
3V3
R1
10k
R2
10k
R5
10k
R6
10k
Amphenol FCI Clincher Connector
U4
R3
FSR402/RFP602
U5
R4
FSR402/RFP602
U6
R7
FSR402/RFP602
U7
R8
FSR402/RFP602
H9
1x6-pins mannelijke Dupont-connector
H2
1x4-pins mannelijke Dupont-connector
H3
1x6-pins mannelijke Dupont-connector
U2
1x4 keymatrix
1x10-pins mannelijke Dupont-connector
H5
U8
Quad Logic Shifter
U3
Quad Logic Shifter
SW1
DIP switch 4 Channel
H6
4x2 jumpers
H10
1x6-pins mannelijke Dupont-connector
H4
1x6-pins mannelijke Dupont-connector
H1
1x5-pins mannelijke Dupont-connector
U1
ARDUINO UNO R3/R4
ARDUINO UNO R3/R4
NC
IOREF
RESET
3V3
5V
GND2
GND1
VIN
14/A0/PC0
15/A1/PC1
16/A2/PC2
17/A3/PC3
18/A4/PC4/SDA
19/A5/PC5/SCL
SCL
SDA
AREF
GND
SCK/PB5/13
MISO/PB4/12
MOSI/PWR/PB3/11
SS/PWR/PB2/10
PWR/PB1/9
PB0/8
PD7/7
PWR/PD6/6
PWR/PD5/5
PD4/4
INT1/PWR/PD3/3
INT0/PD2/2
TX/PD1/1
RX/PD0/0
TITLE:
GroeiAcademie Stimulus Hardware Shield
REV: 1.0
Company: GROEI ACADEMIE
Sheet: 1/1
Date: 2026-07-28
Drawn By: Alex Peeters