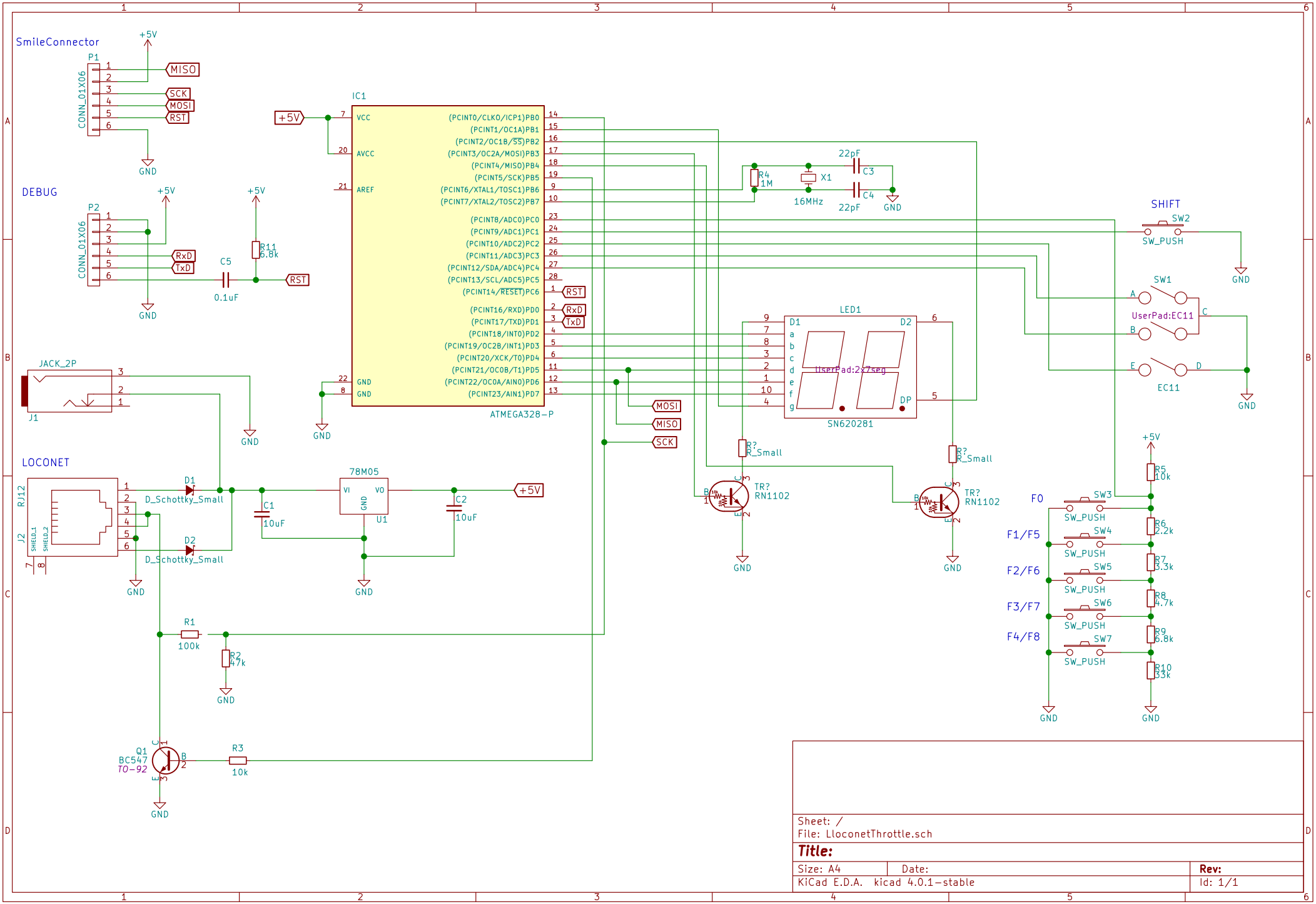
SmileConnector
P1
CONN_01X06
MISO
SCK
MOSI
RST
GND
+5V
DEBUG
P2
RxD
TxD
C5
0.1uF
R11
6.8k
JACK_2P
J1
LOCONET
RJ12
J2
D1
D2
D_Schottky_Small
C1
10uF
78M05
U1
C2
R1
100k
R2
47k
Q1
BC547
TO-92
R3
10k
IC1
VCC
AVCC
AREF
GND
(PCINT0/CLKO/ICP1)PB0
(PCINT1/OC1A)PB1
(PCINT2/OC1B/SS)PB2
(PCINT3/OC2A/MOSI)PB3
(PCINT4/MISO)PB4
(PCINT5/SCK)PB5
(PCINT6/XTAL1/TOSC1)PB6
(PCINT7/XTAL2/TOSC2)PB7
(PCINT8/ADC0)PC0
(PCINT9/ADC1)PC1
(PCINT10/ADC2)PC2
(PCINT11/ADC3)PC3
(PCINT12/SDA/ADC4)PC4
(PCINT13/SCL/ADC5)PC5
(PCINT14/RESET)PC6
(PCINT16/RXD)PD0
(PCINT17/TXD)PD1
(PCINT18/INT0)PD2
(PCINT19/OC2B/INT1)PD3
(PCINT20/XCK/T0)PD4
(PCINT21/OC0B/T1)PD5
(PCINT22/OC0A/AIN0)PD6
(PCINT23/AIN1)PD7
ATMEGA328-P
R4
1M
X1
16MHz
22pF
C3
C4
LED1
SN620281
UserPad:2x7seg
R?
R_Small
TR?
RN1102
SHIFT
SW2
SW_PUSH
SW1
UserPad:EC11
EC11
F0
F1/F5
F2/F6
F3/F7
F4/F8
SW3
SW4
SW5
SW6
SW7
R5
10k
R6
2.2k
R7
3.3k
R8
4.7k
R9
6.8k
R10
33k
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Rev:
KiCad E.D.A. kicad 4.0.1-stable
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