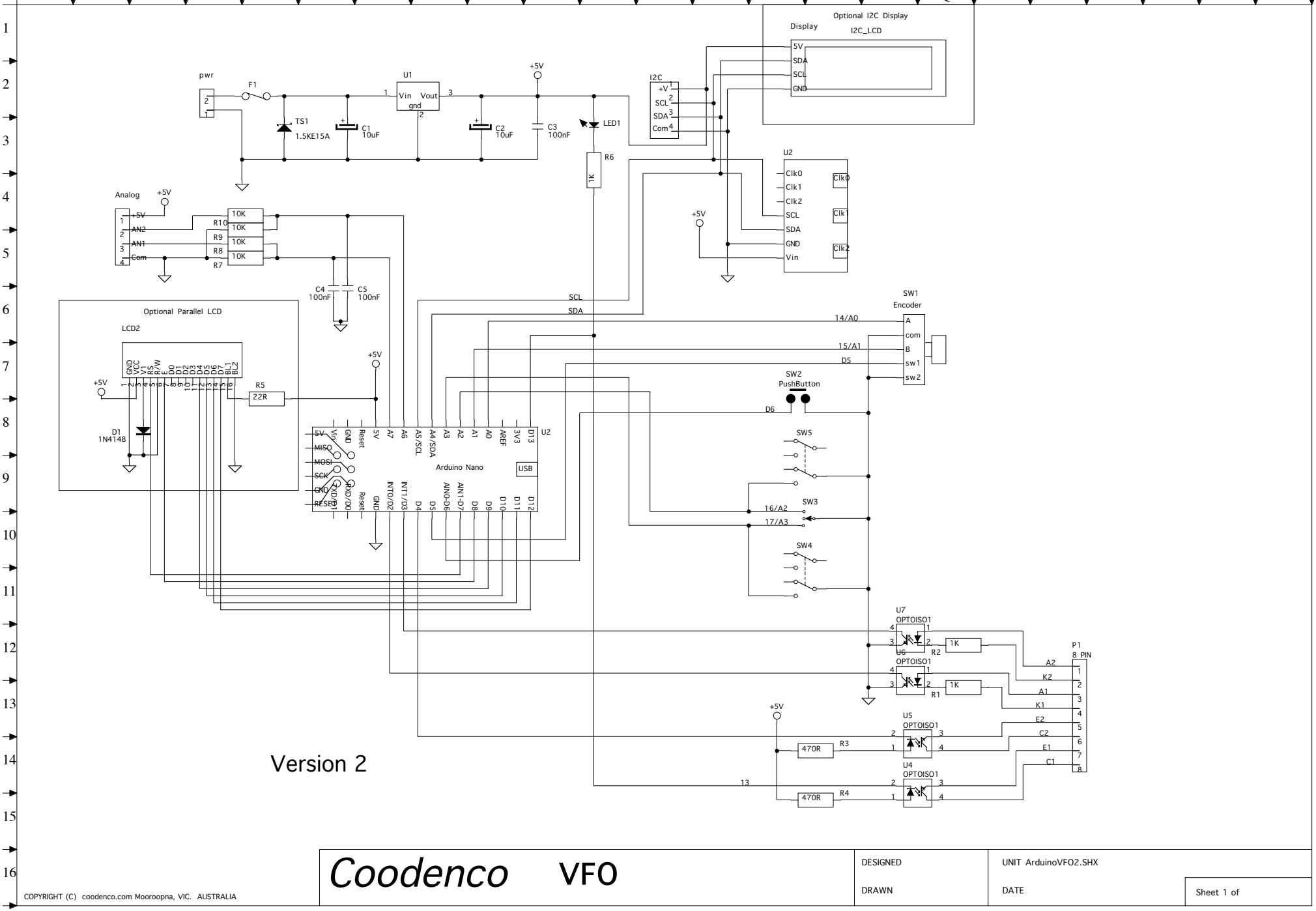
Optional I2C Display
Display
I2C_LCD
5V
SDA
SCL
GND
pwr
F1
U1
Vin
Vout
gnd
+5V
TS1
1.5KE15A
C1
10uF
C2
10uF
C3
100nF
LED1
R6
1K
I2C
+V
SCL
SDA
Com
U2
Clk0
Clk1
Clk2
SCL
SDA
GND
Vin
Analog
+5V
AN2
AN1
Com
10K
R10
R9
R8
R7
C4
100nF
C5
100nF
Optional Parallel LCD
LCD2
GND
VCC
V1
RS
RW
E
D0
D1
D2
D3
D4
D5
D6
D7
BL1
BL2
R5
22R
D1
1N4148
SCL
SDA
SW1
Encoder
A
com
B
sw1
sw2
14/A0
15/A1
D5
SW2
PushButton
D6
SW5
SW3
16/A2
17/A3
SW4
U2
Arduino Nano
USB
5V
MISO
MOSI
SCK
GND
RESET
Vin
GND
Reset
5V
A7
A6
A5/SCL
A4/SDA
A3
A2
A1
A0
AREF
3V3
D13
D12
D11
D10
D9
D8
D7
D6
D5
D4
INT1/D3
INT0/D2
TXD/D1
RXD/D0
U7
OPTOISO1
U6
R2
1K
U5
R1
U4
R3
R4
470R
13
P1
8 PIN
A2
K2
A1
K1
E2
C2
E1
C1
Version 2
Coodenco
VFO
DESIGNED
DRAWN
UNIT ArduinoVFO2.SHX
DATE
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