NANO−Minipops
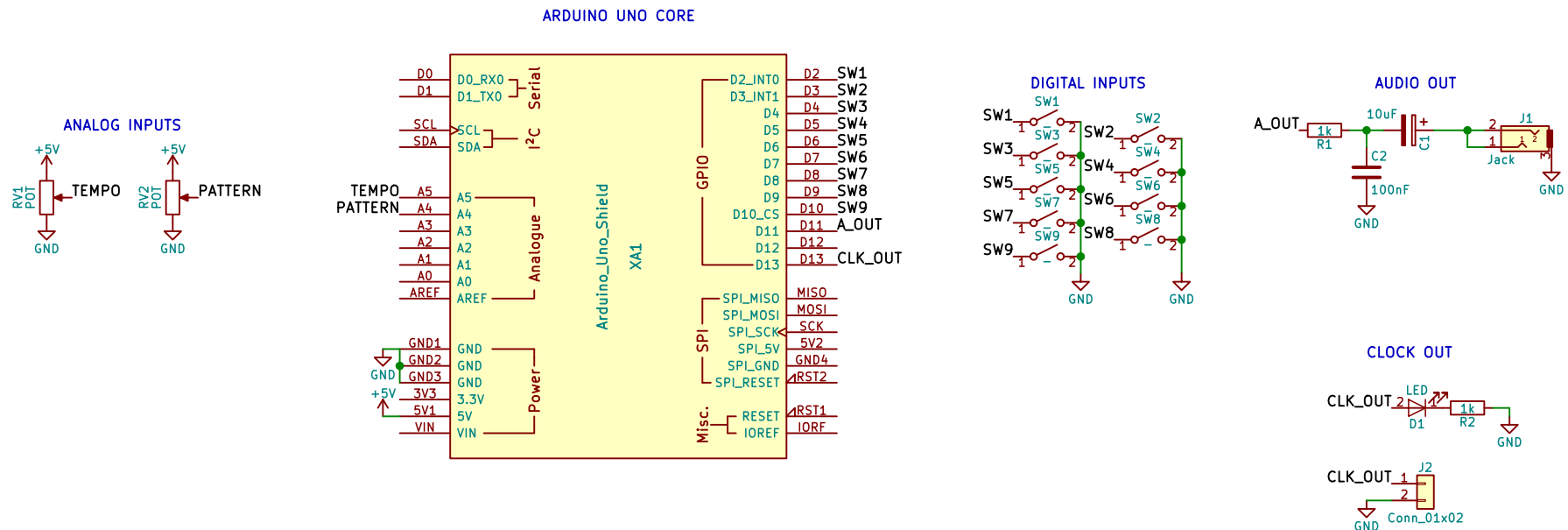
Based in Jan Ostman project (DSP Synthesizers)
Designed by Jorge Gutiérrez − NANO Modules
Under CC BY−NC−SA License

ARDUINO UNO CORE

ARDUINO UNO CORE

Serial
D0 — D0_RX0
D1 — D1_TX0

I²C
SCL — SCL
SDA — SDA

TEMPO — A5
PATTERN — A4
A3
A2
A1
A0
AREF — AREF

Analogue

Arduino_Uno_Shield XA1

GPIO
D2_INT0 — D2 — SW1
D3_INT1 — D3 — SW2
D4 — SW3
D5 — SW4
D6 — SW5
D7 — SW6
D8 — SW7
D9 — SW8
D10_CS — D10 — SW9
D11 — A_OUT
D12
D13 — CLK_OUT

SPI
SPI_MISO — MISO
SPI_MOSI — MOSI
SPI_SCK — SCK
SPI_5V — 5V2
SPI_GND — GND4
SPI_RESET — RST2

Misc.
RESET — RST1
IOREF — IORF

Power
GND1 — GND
GND2 — GND
GND3 — GND
3V3 — 3.3V
5V1 — 5V
VIN — VIN

GND
+5V

ANALOG INPUTS

RV1 POT — TEMPO
+5V
GND

RV2 POT — PATTERN
+5V
GND

DIGITAL INPUTS

SW1
SW3
SW5
SW7
SW9

SW1
SW3
SW5
SW7
SW9

SW2
SW4
SW6
SW8

SW2
SW4
SW6
SW8

GND
GND

AUDIO OUT

A_OUT
1k R1
10uF C1
+
100nF C2
GND
J1
Jack
GND

CLOCK OUT

CLK_OUT
LED D1
1k R2
GND

CLK_OUT
J2
GND
Conn_01x02