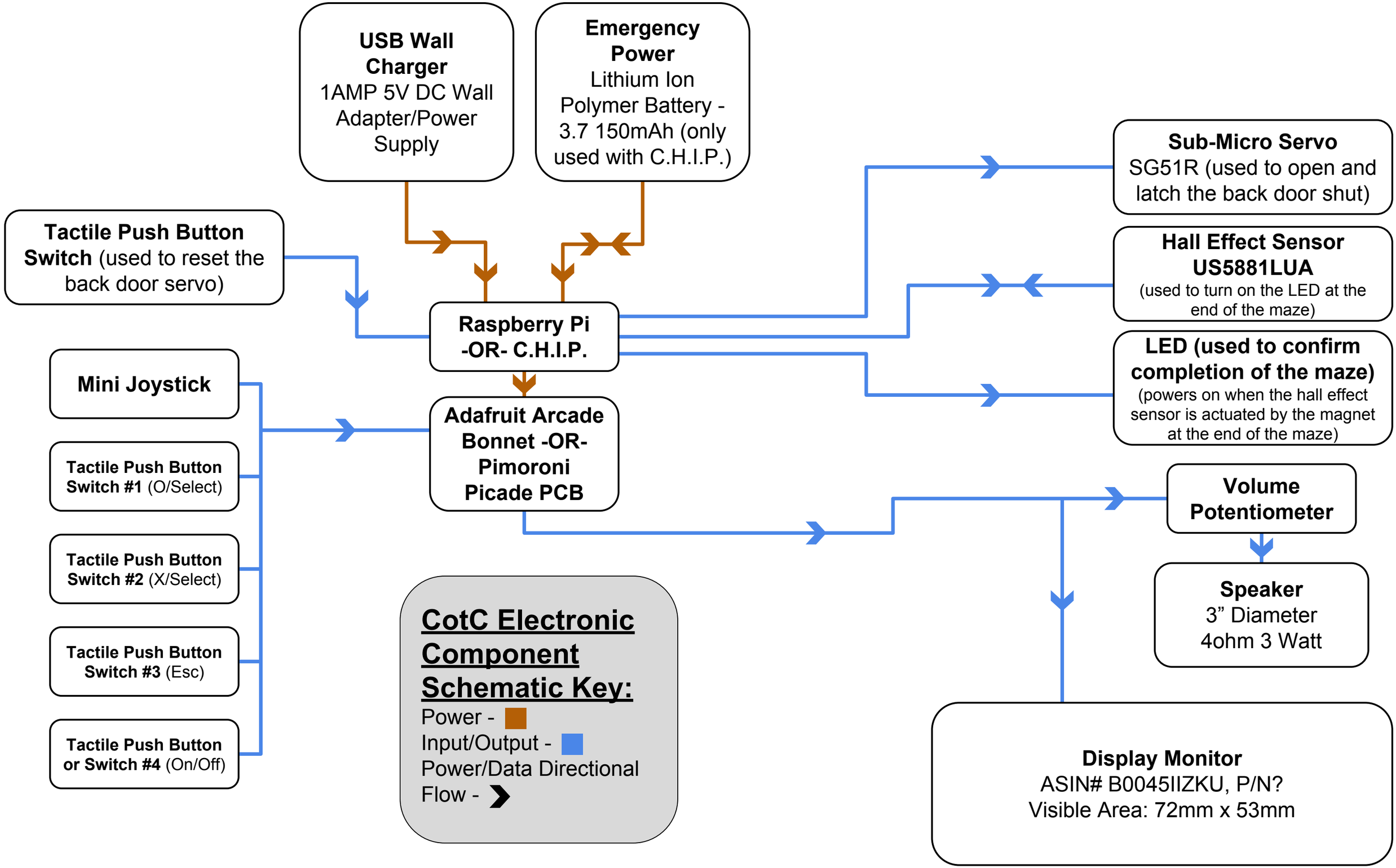
USB Wall Charger
1AMP 5V DC Wall Adapter/Power Supply
Emergency Power
Lithium Ion Polymer Battery - 3.7 150mAh (only used with C.H.I.P.)
Tactile Push Button Switch (used to reset the back door servo)
Raspberry Pi -OR- C.H.I.P.
Sub-Micro Servo
SG51R (used to open and latch the back door shut)
Hall Effect Sensor US5881LUA
(used to turn on the LED at the end of the maze)
LED (used to confirm completion of the maze)
(powers on when the hall effect sensor is actuated by the magnet at the end of the maze)
Mini Joystick
Adafruit Arcade Bonnet -OR- Pimoroni Picade PCB
Tactile Push Button Switch #1 (O/Select)
Tactile Push Button Switch #2 (X/Select)
Tactile Push Button Switch #3 (Esc)
Tactile Push Button or Switch #4 (On/Off)
Volume Potentiometer
Speaker
3” Diameter
4ohm 3 Watt
CotC Electronic Component Schematic Key:
Power -
Input/Output -
Power/Data Directional Flow -
Display Monitor
ASIN# B0045IIZKU, P/N?
Visible Area: 72mm x 53mm