Level 0:
of previous L1

Source Selection
- Battery +9VDC →
- Wall Wart +9VDC →
- → Unregulated +9VDC

Unlock Sender
- Small unlock signal →
- Unregulated +9VDC →
- → Unlock Signal (large current)

Sensor Input
- Knock Sense →
- → Clipped Knock Sense

Internal Power Supply
- Unregulated +9VDC →
- → Clean +5VDC

LED Driver n
- Small LED signal →
- Clean +5VDC →
- → LED n (large current)

Button Debounce n
- Button n →
- → Clean button press

uC and programmer
- Clean +5VDC →
- Clean button press 1 →
- Clean button press 2 →
- Clean button press 3 →
- JTAG →
- Clipped Knock Sense →
- → Small LED signal 1
- → Small LED signal 2
- → Small unlock signal