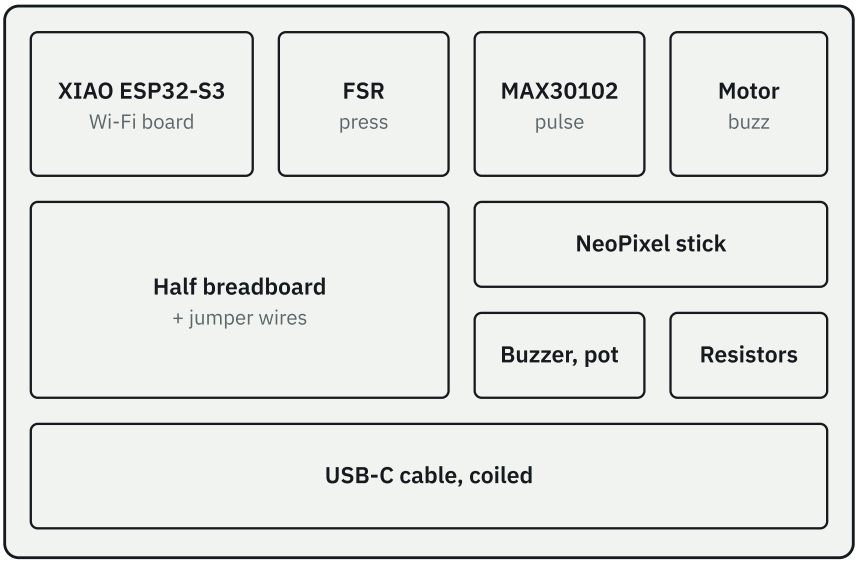
One participant box

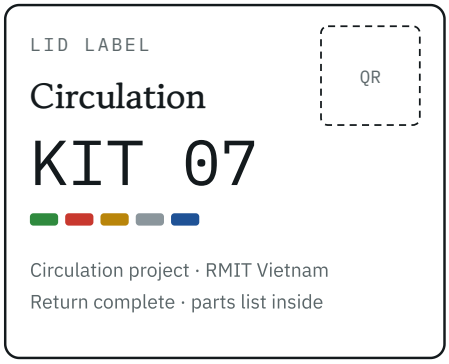
12 boxes, numbered 01–12
about 20 × 13 × 5 cm each

Everything plugs in; nothing needs soldering on the day. The technician solders the board headers once, uploads the test sketch and checks every box before first use. Guide and code: github.com/binyoun/circulation, folder hardware/workshop-kit.

Top view, compartments not to scale



box about 20 × 13 × 5 cm



Press → light
FSR + NeoPixel stick: one finger pad of the Circulation cup.

Pulse → light
MAX30102 + NeoPixel: light that beats with your pulse.

Touch → buzz
Coin motor: feel someone else's press arrive.

Three kits → one centre
Wi-Fi through the travel router: a small Circulation.

After every workshop

3 minutes per box

Count each box against its packing card, note anything missing on the card, refill from the spare-parts box, and record the loan in the checkout log.

Circulation

KIT 01

- [ ] Board — 1
- [ ] FSR — 1
- [ ] NeoPixel stick — 1
- [ ] Pulse sensor — 1
- [ ] Vibration motor — 1
- [ ] Buzzer, pot, resistors — 1 set
- [ ] Breadboard + jumpers — 1 set
- [ ] USB-C cable — 1
- [ ] Missing or broken:

Checked by _____ Date _____

Keep this card in the box. Refill from the spare-parts box.

Circulation

KIT 02

- [ ] Board — 1
- [ ] FSR — 1
- [ ] NeoPixel stick — 1
- [ ] Pulse sensor — 1
- [ ] Vibration motor — 1
- [ ] Buzzer, pot, resistors — 1 set
- [ ] Breadboard + jumpers — 1 set
- [ ] USB-C cable — 1
- [ ] Missing or broken:

Checked by _____ Date _____

Keep this card in the box. Refill from the spare-parts box.

Circulation

KIT 03

- [ ] Board — 1
- [ ] FSR — 1
- [ ] NeoPixel stick — 1
- [ ] Pulse sensor — 1
- [ ] Vibration motor — 1
- [ ] Buzzer, pot, resistors — 1 set
- [ ] Breadboard + jumpers — 1 set
- [ ] USB-C cable — 1
- [ ] Missing or broken:

Checked by _____ Date _____

Keep this card in the box. Refill from the spare-parts box.

Circulation

KIT 04

- [ ] Board — 1
- [ ] FSR — 1
- [ ] NeoPixel stick — 1
- [ ] Pulse sensor — 1
- [ ] Vibration motor — 1
- [ ] Buzzer, pot, resistors — 1 set
- [ ] Breadboard + jumpers — 1 set
- [ ] USB-C cable — 1
- [ ] Missing or broken:

Checked by _____ Date _____

Keep this card in the box. Refill from the spare-parts box.

Circulation

KIT 05

- [ ] Board — 1
- [ ] FSR — 1
- [ ] NeoPixel stick — 1
- [ ] Pulse sensor — 1
- [ ] Vibration motor — 1
- [ ] Buzzer, pot, resistors — 1 set
- [ ] Breadboard + jumpers — 1 set
- [ ] USB-C cable — 1
- [ ] Missing or broken:

Checked by _____ Date _____

Keep this card in the box. Refill from the spare-parts box.

Circulation

KIT 06

- [ ] Board — 1
- [ ] FSR — 1
- [ ] NeoPixel stick — 1
- [ ] Pulse sensor — 1
- [ ] Vibration motor — 1
- [ ] Buzzer, pot, resistors — 1 set
- [ ] Breadboard + jumpers — 1 set
- [ ] USB-C cable — 1
- [ ] Missing or broken:

Checked by _____ Date _____

Keep this card in the box. Refill from the spare-parts box.

Circulation

KIT 07

- [ ] Board — 1
- [ ] FSR — 1
- [ ] NeoPixel stick — 1
- [ ] Pulse sensor — 1
- [ ] Vibration motor — 1
- [ ] Buzzer, pot, resistors — 1 set
- [ ] Breadboard + jumpers — 1 set
- [ ] USB-C cable — 1
- [ ] Missing or broken:

Checked by _____ Date _____

Keep this card in the box. Refill from the spare-parts box.

Circulation

KIT 08

- [ ] Board — 1
- [ ] FSR — 1
- [ ] NeoPixel stick — 1
- [ ] Pulse sensor — 1
- [ ] Vibration motor — 1
- [ ] Buzzer, pot, resistors — 1 set
- [ ] Breadboard + jumpers — 1 set
- [ ] USB-C cable — 1
- [ ] Missing or broken:

Checked by _____ Date _____

Keep this card in the box. Refill from the spare-parts box.

Circulation

KIT 09

- [ ] Board — 1
- [ ] FSR — 1
- [ ] NeoPixel stick — 1
- [ ] Pulse sensor — 1
- [ ] Vibration motor — 1
- [ ] Buzzer, pot, resistors — 1 set
- [ ] Breadboard + jumpers — 1 set
- [ ] USB-C cable — 1
- [ ] Missing or broken:

Checked by _____ Date _____

Keep this card in the box. Refill from the spare-parts box.

Circulation

KIT 10

- [ ] Board — 1
- [ ] FSR — 1
- [ ] NeoPixel stick — 1
- [ ] Pulse sensor — 1
- [ ] Vibration motor — 1
- [ ] Buzzer, pot, resistors — 1 set
- [ ] Breadboard + jumpers — 1 set
- [ ] USB-C cable — 1
- [ ] Missing or broken:

Checked by _____ Date _____

Keep this card in the box. Refill from the spare-parts box.

Circulation

KIT 11

- [ ] Board — 1
- [ ] FSR — 1
- [ ] NeoPixel stick — 1
- [ ] Pulse sensor — 1
- [ ] Vibration motor — 1
- [ ] Buzzer, pot, resistors — 1 set
- [ ] Breadboard + jumpers — 1 set
- [ ] USB-C cable — 1
- [ ] Missing or broken:

Checked by _____ Date _____

Keep this card in the box. Refill from the spare-parts box.

Circulation

KIT 12

- [ ] Board — 1
- [ ] FSR — 1
- [ ] NeoPixel stick — 1
- [ ] Pulse sensor — 1
- [ ] Vibration motor — 1
- [ ] Buzzer, pot, resistors — 1 set
- [ ] Breadboard + jumpers — 1 set
- [ ] USB-C cable — 1
- [ ] Missing or broken:

Checked by _____ Date _____

Keep this card in the box. Refill from the spare-parts box.