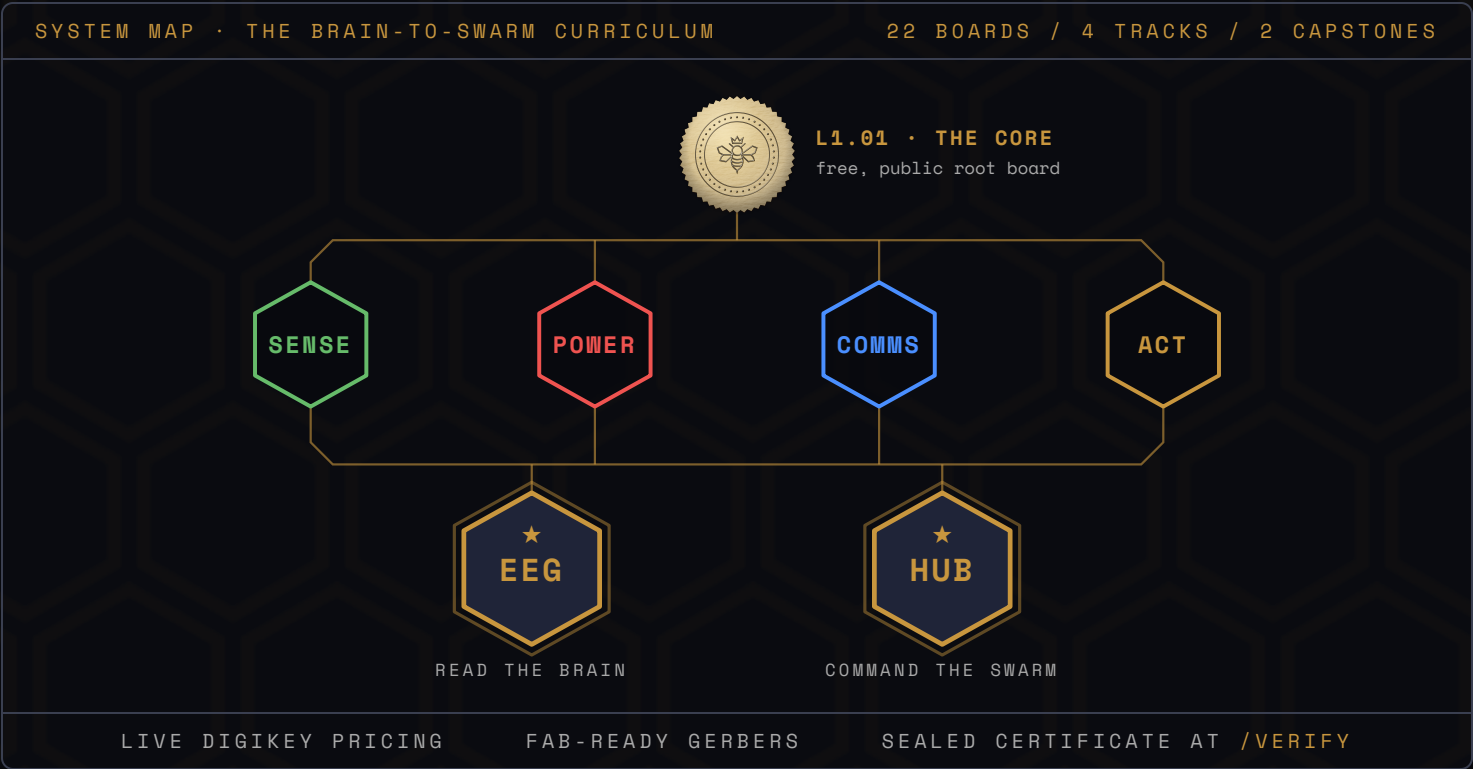


ONE MIND. MANY MACHINES.

SYSTEM SPEC	
PLATFORM	ESP32-S3
TOOLCHAIN	KiCad 10
PROGRAM	Brain-to-Swarm
STRUCTURE	4 tracks / 3 levels
ACCESS	Public → Premium

ESP32 HARDWARE ENGINEERING · BREAKOUT TO BRAIN-COMPUTER INTERFACE

Every project ends in a board you designed, fabricated, and brought up yourself, with the design files and a verifiable certificate to keep. Twenty-two builds carry you from a USB-C breakout to a brain-computer interface that *reads a mind and commands a fleet*.



22

BOARDS

Sense, Act, Comms, and Power, wired as one skill tree of 33 dependencies.

8

STAGES EACH

Requirements, BOM, schematic, ERC, layout, DRC, gerbers, bring-up in KiCad.

DRC = 0

THE REAL GATE

You advance only on a clean check and fab-ready gerbers. Not points, not streaks.

1×

NO SUBSCRIPTION

Buy a project once and keep it. Level 1 starts free.

Start free at L1.01 →