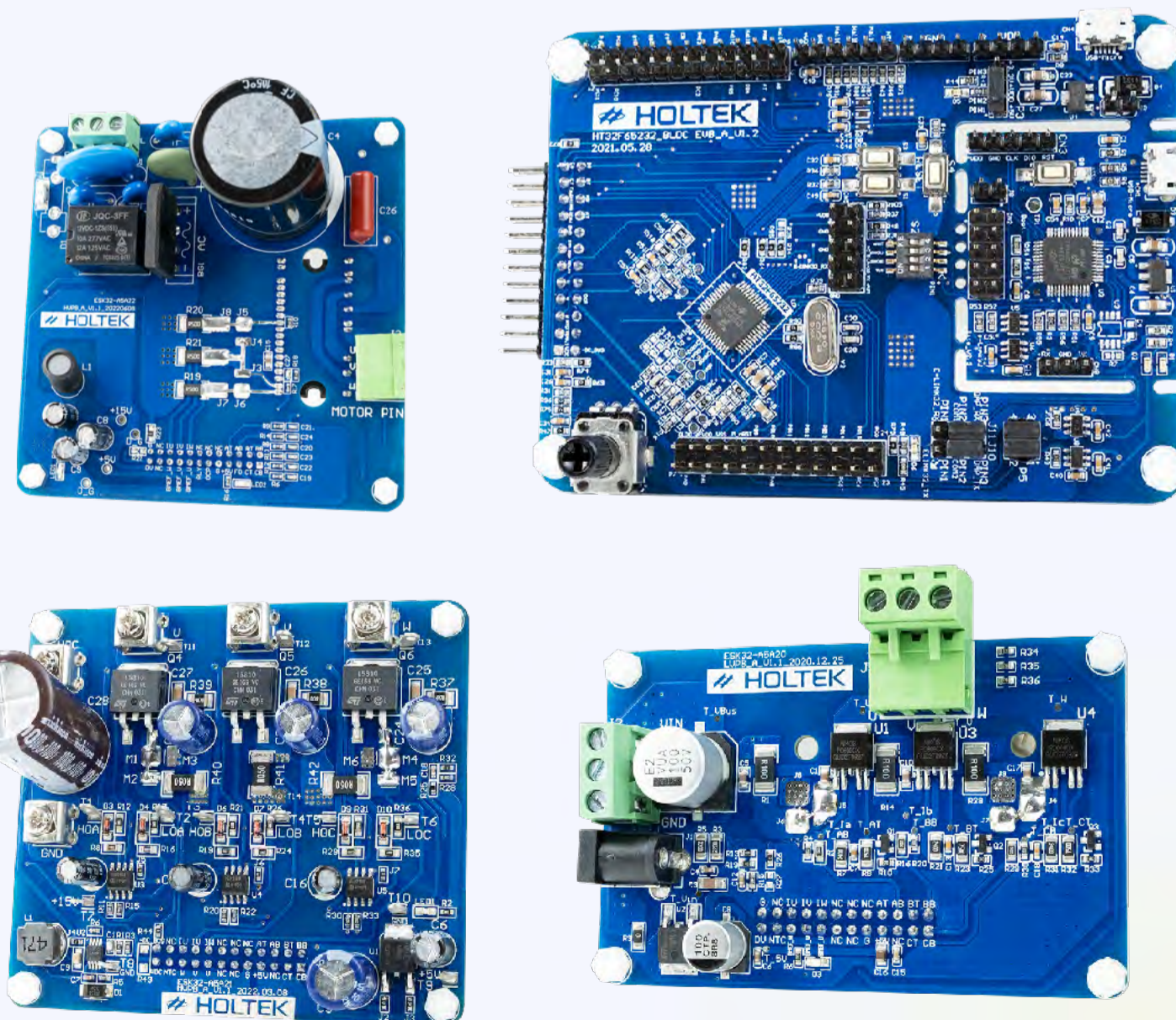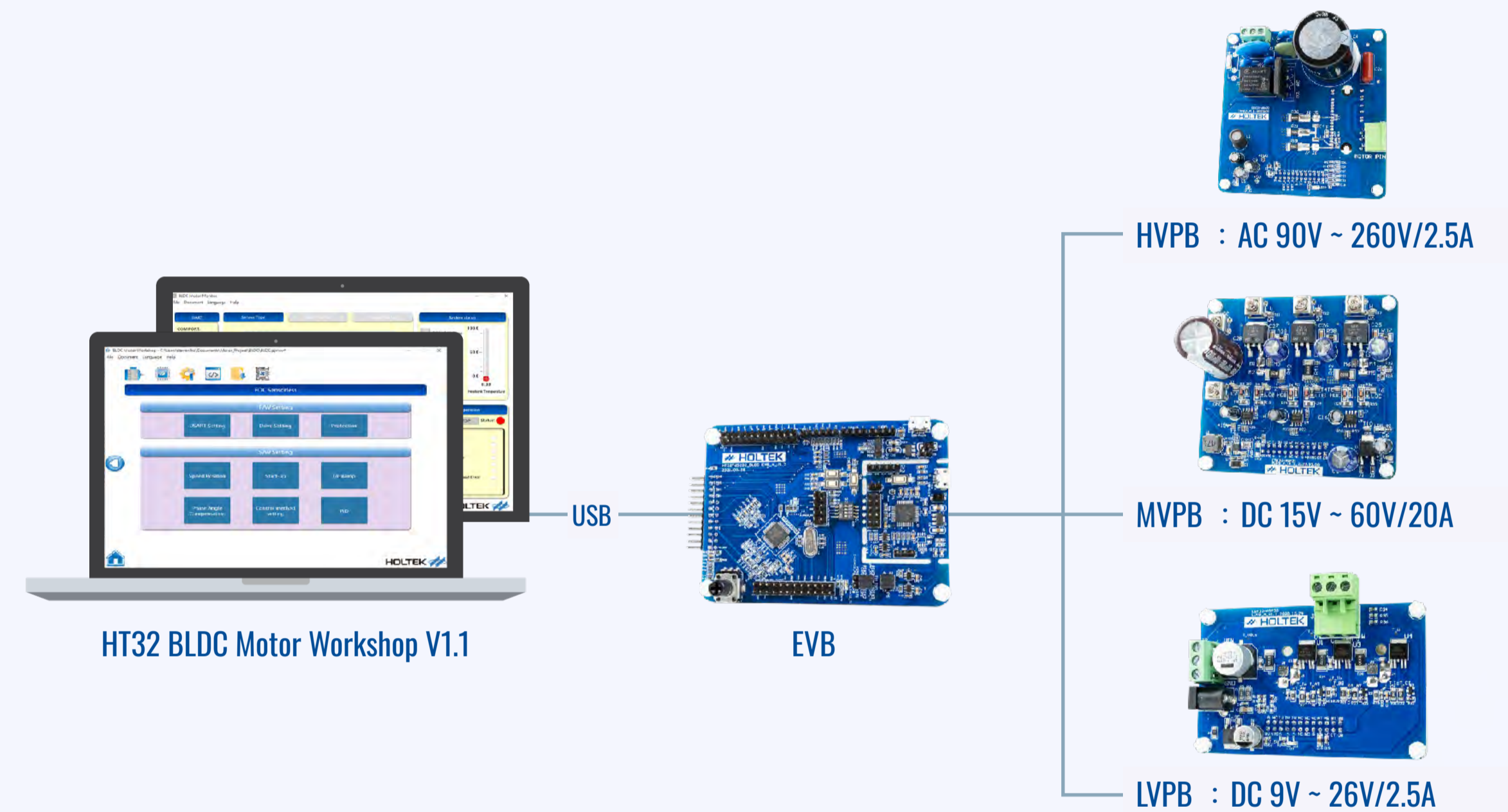# HT32 BLDC Motor Workshop V1.1

HT32F66xxx / HT32F65xxx

Characteristics

- 1-/2-/3-shunt FOC, Hall/Sensorless algorithms
- Supports speed control and torque control
- EV board + 3 power boards / SoC MCU development boards
- Projects generated can be used for secondary development
- Platform interface provides parameter adjustment, real-time control and virtual oscilloscope functions
- Supports remote adjustment to provide real-time service

Block Diagram

HT32 BLDC Motor Workshop V1.1 — USB — EVB

HVPB : AC 90V ~ 260V/2.5A

MVPB : DC 15V ~ 60V/20A

LVPB : DC 9V ~ 26V/2.5A

Applications

Range hoods, various fans and electric vehicles, etc.