

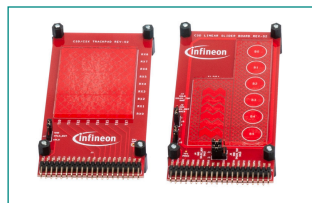
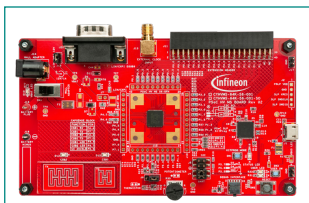
QUICK START GUIDE

PSoC™ HV MS Evaluation Kit

CYHVMS-64K-56-001

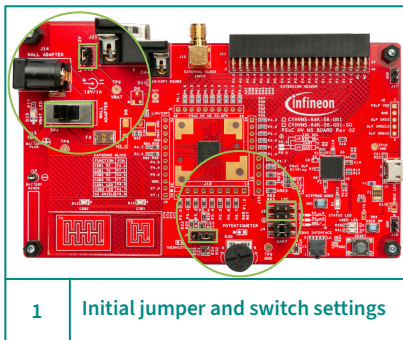
Kit contents

1. CYHVMS-64K-56-001 board
2. CSD linear slider board
3. CSD/CSX trackpad board
4. USB-A to Micro-B cable
5. 12-V wall adapter
6. Quick start guide (this document)



www.infineon.com/psochv

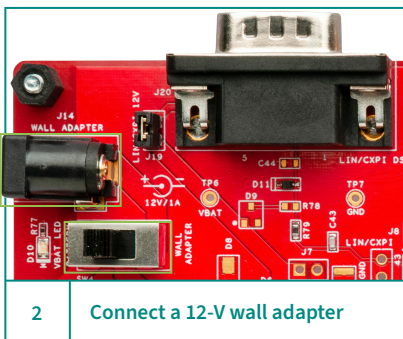




Before you start

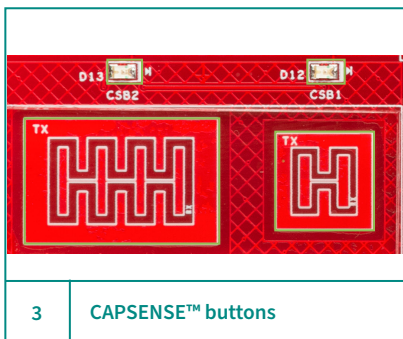
Confirm the initial jumper and switch settings:

- SW4 – Battery side
- J19 – Short
- J6 – Right side (potentiometer)
- J5 – Short (I2C)



Power supply

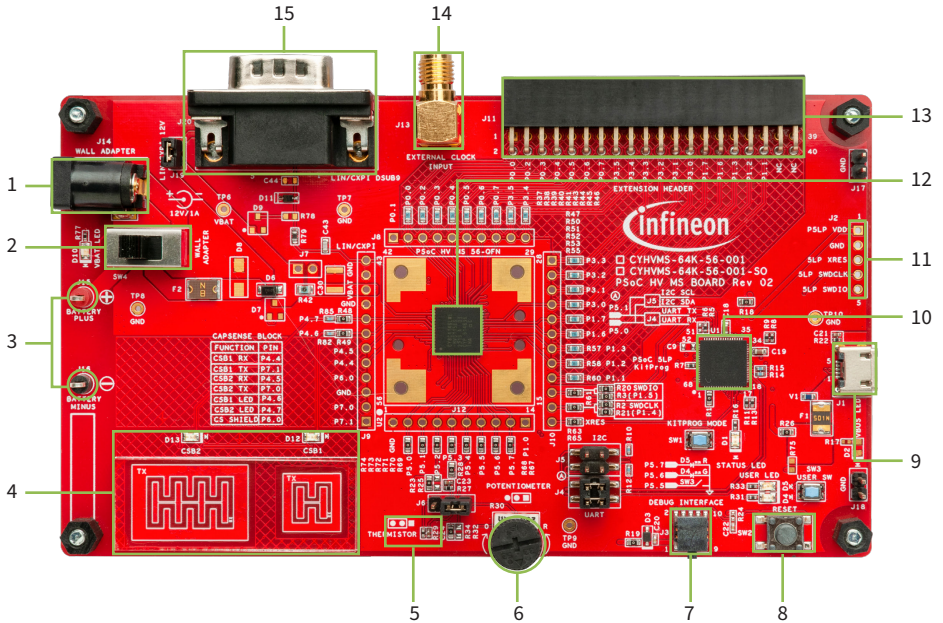
Connect a 12-V wall adapter to J14, and slide SW4 to the wall adapter side. The VBAT LED (D10) lights up when the power switch is set to the wall adapter.



Confirm CAPSENSE™ operation

Touch the CAPSENSE™ button CSB1 or CSB2.
The corresponding LED (D12 or D13) lights up.

CYHVMS-64K-56-001 board details



- | | | | |
|---|-------------------------------------|----|--------------------------------------|
| 1 | 12-V wall adapter input (J14) | 9 | Micro-USB connector for programming |
| 2 | Power switch (SW4) | 10 | PSoC™ 5LP (KitProg3) for programming |
| 3 | Battery input connectors (J15, J16) | 11 | PSoC™ 5LP program header* |
| 4 | CAPSENSE™ buttons (CSB1, CSB2) | 12 | PSoC™ HV MS device (DUT) |
| 5 | NTC thermistor | 13 | Extension header for CAPSENSE™ |
| 6 | Pseudo temperature sensor | 14 | External clock input |
| 7 | DUT program / debug connectors | 15 | LIN / CXPI interface |
| 8 | Reset switch | | |

* Footprint only, not populated on the board



Contact Technical Support to obtain kit documents and software examples.