

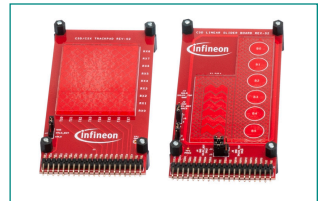
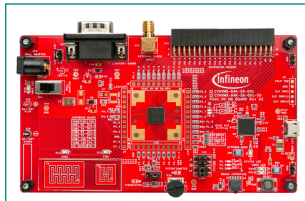
## QUICK START GUIDE

# PSoC™ HV MS Evaluation Kit

CYHVMS-64K-56-001

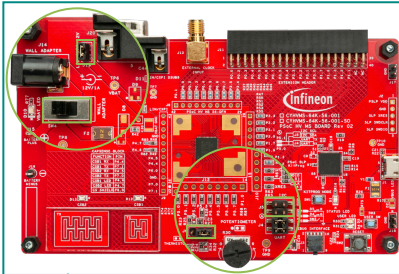
### Kit contents

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](http://www.infineon.com/psochv)



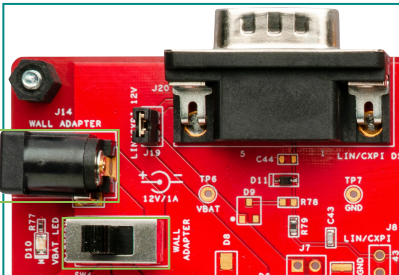


### 1 Initial jumper and switch settings

## Before you start

Confirm the initial jumper and switch settings:

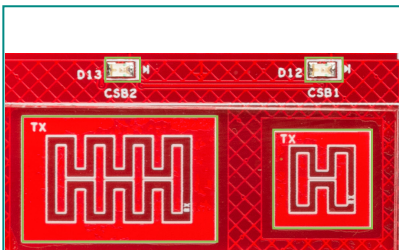
- SW4 – Battery side
- J19 – Short
- J6 – Right side (potentiometer)
- J5 – Short (I2C)



### 2 Connect a 12-V wall adapter

## 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.



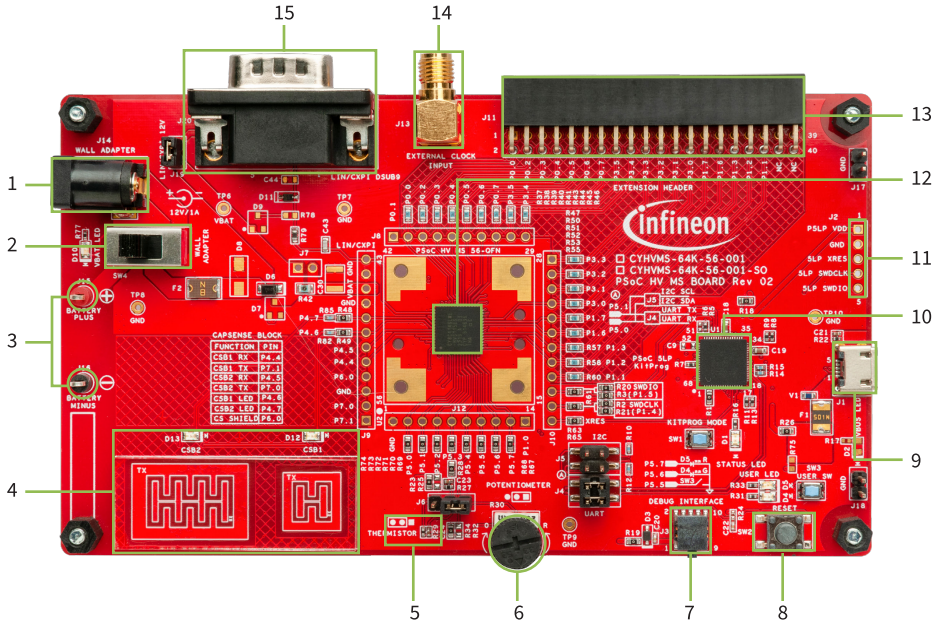
### 3 CAPSENSE™ buttons

## 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.

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