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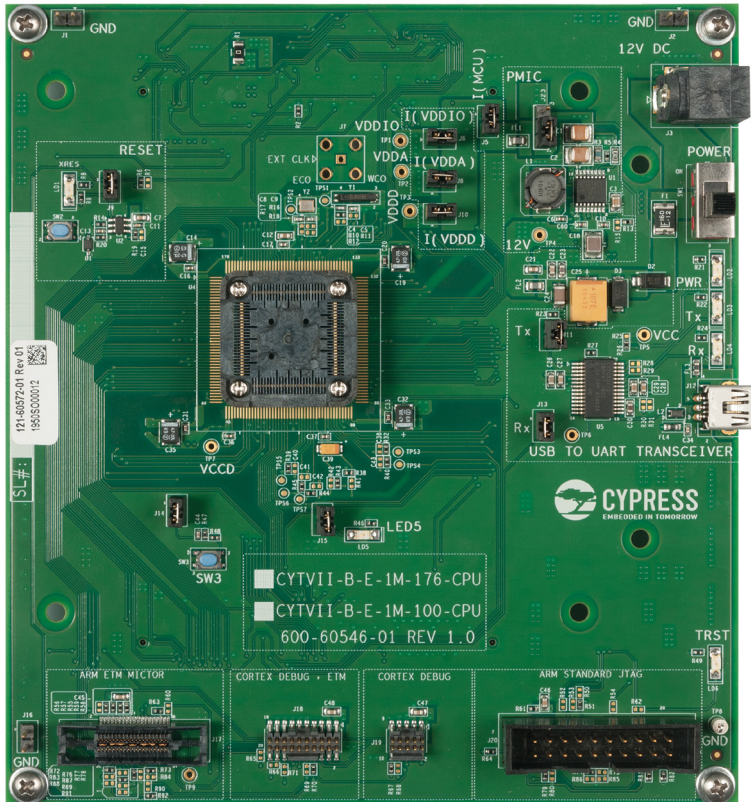
**Continuity of document content**

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**Continuity of ordering part numbers**

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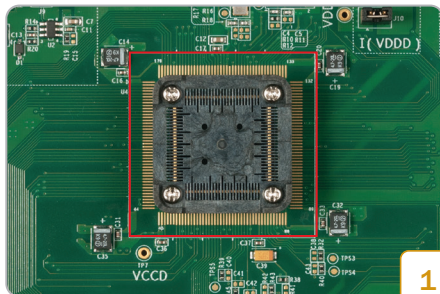
# TRAVEO II CPU BOARD



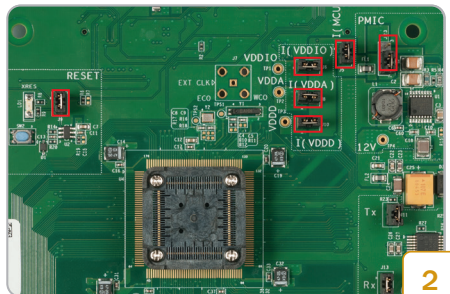
## Kit Contents:

1. Traveo II CPU Board CYTVII-B-E-100-SO
2. Type-B Mini USB Cable
3. 12 V AC-DC Universal Power Adapter
4. Quick Start Guide (this document)

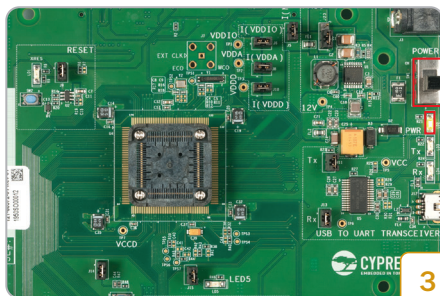
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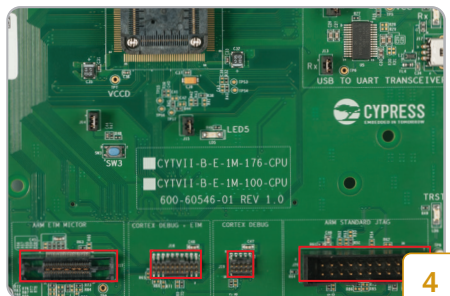
- Insert a Traveo II Device into the IC socket (U3), align Pin 1 with the arrow mark near C16 and close the socket cover.



- Ensure that jumpers J23(Pin 1 & 2), J5, J6, J8, J9, and J10, are shorted. Connect the 12V adapter to the Power Jack J3.



- Toggle the switch SW1 to the upper position, to turn ON the board. The LED marked "PWR" should light up.



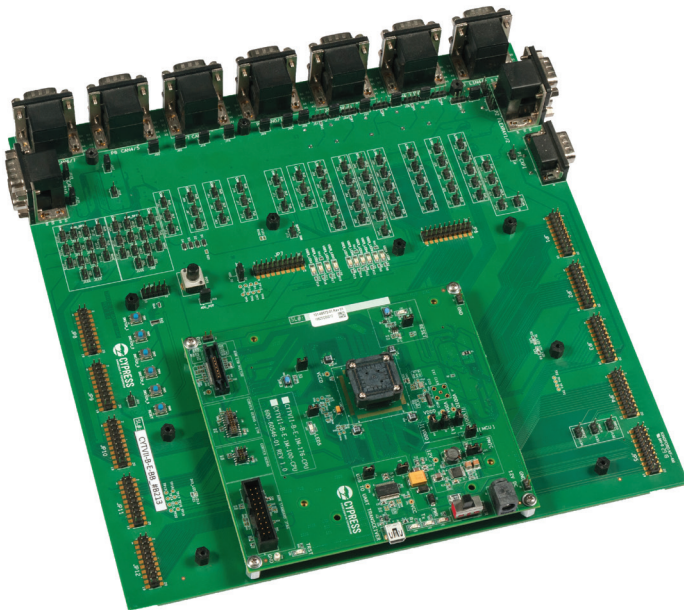
- Connect an appropriate programming tool (IAR/GHS/iSystem/Lauterbach), to one of the debug interfaces – J17, J18, J19, J20

Use an appropriate IDE on a PC, to load a firmware HEX file into the device flash, successfully. The LED Blink firmware is available in the Release-Package.

# TRAVEO II CPU BOARD

**Instructions:**

- The Traveo II CPU Board, can be used standalone to evaluate limited features of the Traveo II MCU.
- The board can be used with the Traveo II Body Controller Base Board, to evaluate all features of the MCU.



- To know more about the Base Board and compatibility, please use the Cypress Customer Support Portal. ([cypress.com/support](https://www.cypress.com/support))

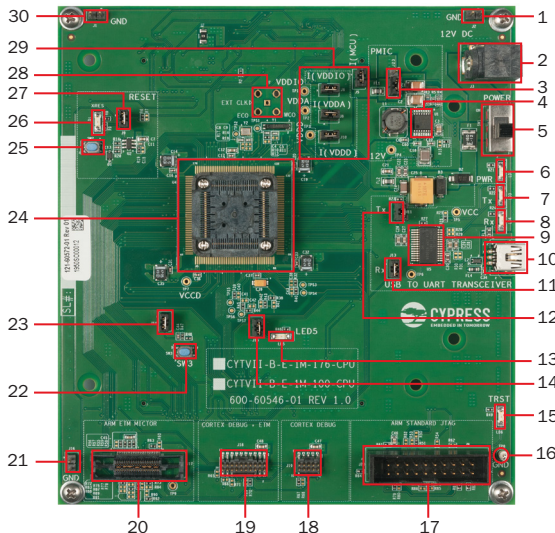
**For the following documentation:**

- User Guide
- Schematic
- Sample Driver Library (SDL)
- Software examples

Please use the Cypress Customer Support Portal.

# TRAVEO II CPU BOARD

Traveo II CPU Board Details



- |  |  |
|--|--|
| 1. J2 - Jumper for GND Probe           | 16. TP8 – GND Test Point                     |
| 2. Power Jack (12 V)                   | 17. 20-Pin IDC – Arm Standard JTAG Connector |
| 3. J23 – Jumper for PMIC/LDO Connect   | 18. MIPI-10 – Cortex Debug Connector         |
| 4. Cypress PMIC (5V)                   | 19. MIPI-20 – Cortex Debug + ETM Connector   |
| 5. SW1 – Power Switch                  | 20. Mictor-38 – Arm ETM Mictor Connector     |
| 6. Power LED                           | 21. J16 – Jumper for GND Probe               |
| 7. UART-USB Tx LED                     | 22. SW3 – User Button                        |
| 8. UART-USB Rx LED                     | 23. J14 – Jumper for User Button             |
| 9. Cypress USB-Serial Controller       | 24. U3 – Cypress Traveo II MCU               |
| 10. USB Type-B Mini Connector          | 25. MCU Reset Button (SW2)                   |
| 11. J13 – Jumper for UART-USB Rx       | 26. Reset LED (LD1)                          |
| 12. J11 – Jumper for UART-USB Tx       | 27. J9 – Jumper for Reset Controller         |
| 13. LED5 – User LED                    | 28. External Clock Input SMA Connector       |
| 14. J15 – Jumper for LED5              | 29. MCU Power Measurement Jumpers            |
| 15. LD6 – MCU TAP Controller Reset LED | 30. J1 - Jumper for GND Probe                |