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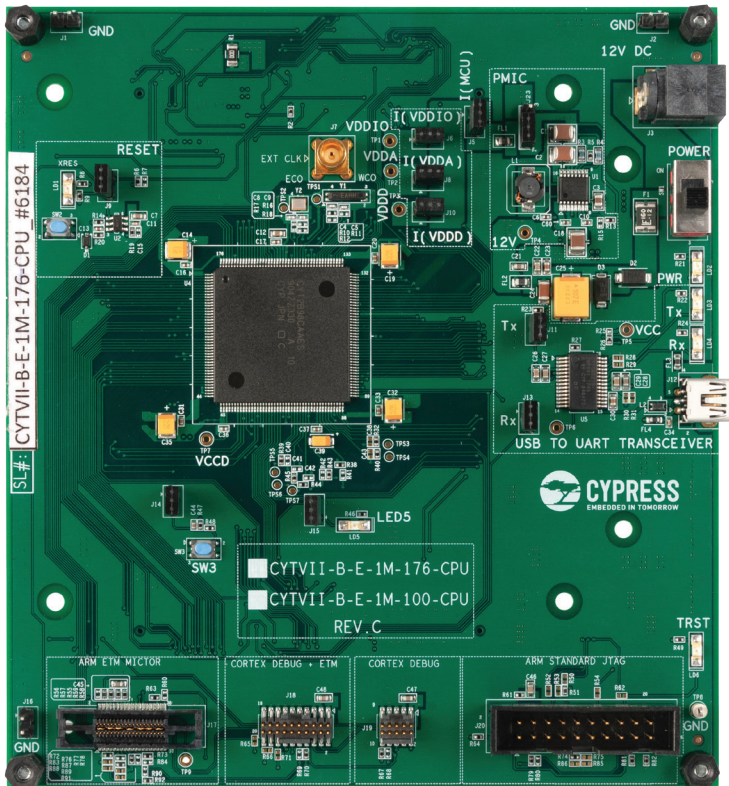
Continuity of document content

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Continuity of ordering part numbers

Infineon continues to support existing part numbers. Please continue to use the ordering part numbers listed in the datasheet for ordering.

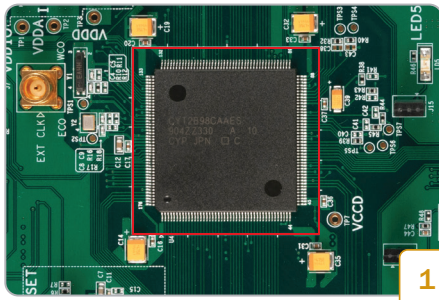
TRAVEO II CPU BOARD



Kit Contents:

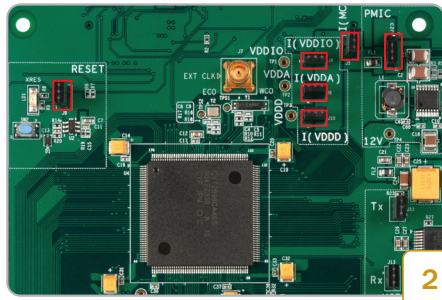
1. Traveo II CPU Board CYTVII-B-E-1M-176-CPU REV.C
2. Type-B Mini USB Cable
3. 12 V AC-DC Universal Power Adapter
4. Quick Start Guide (this document)

TRAVEO II CPU BOARD



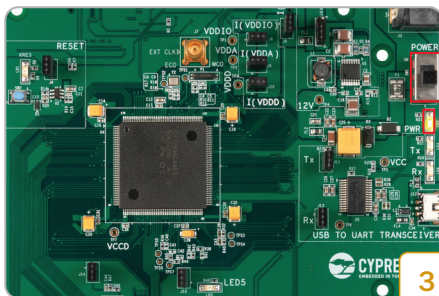
1

- Insert a Traveo II Device into the IC socket (U4), align Pin 1 with the arrow mark near C16 and close the socket cover.



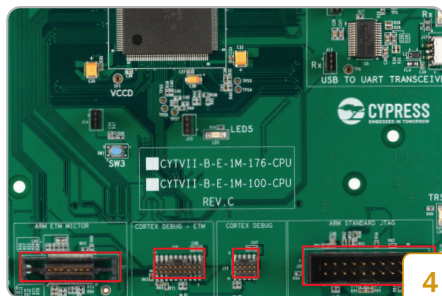
2

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



3

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



4

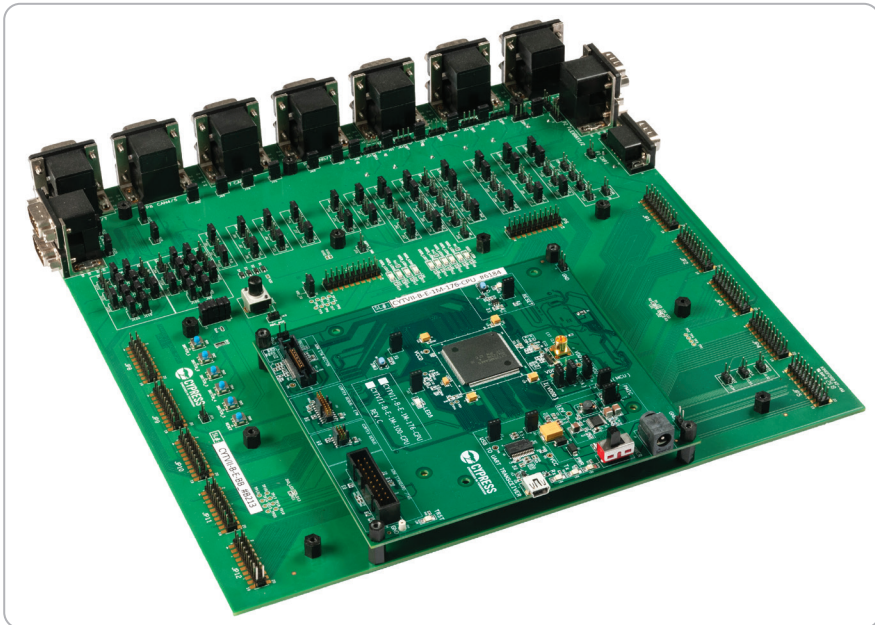
- Connect an appropriate programming tool (IAR/GHS/iSystem/Lauterbach), to one of the debug interfaces – J17, J18, J19, J20

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))

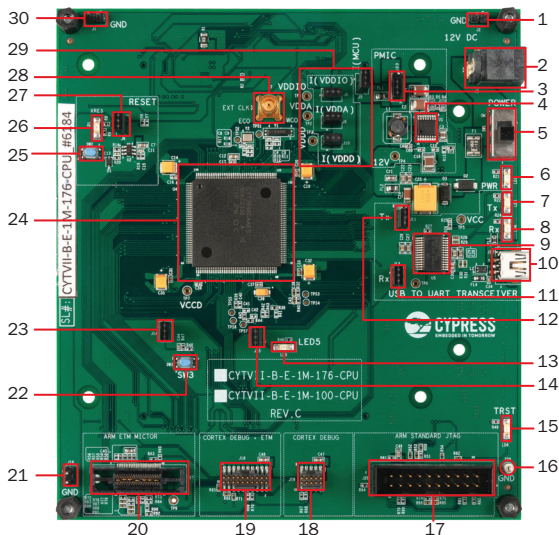
For the following documentation:

- 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. U4 – 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 |