CXPI: Polling – Slave – NRZ Mode

- **Description**:
  - This example demonstrates CXPI transmission in Polling Trigger method.
  - TVII acts as a slave node of CXPI network.

- **Target Device**:
  - Traveo-II CYT2BLx devices

- **CPU Board**:
  - CYTVII-B-E-1M-176-CPU Rev. C Board
  - CYTVII-B-E-BB Rev.A Board

- **Dependency:**
  - Jumper J80 to be short on position 1-2 on Base Board
  - CYTVII-B-E-1M-176-CPU board should be connected on CYTVII-B-E-BB board.
  - Open J11, J12, J14 on the base board. Short J6, J9, J13 on the base board.
  - Connect following pints on the base board
    - (RX) JP5.9 to J14.1, (TX) JP5.7 to J11.1, (CLK) JP5.6 to J12.2
  - Connect CXPI connector (P1) on the base board and CXPI analyzer if available.

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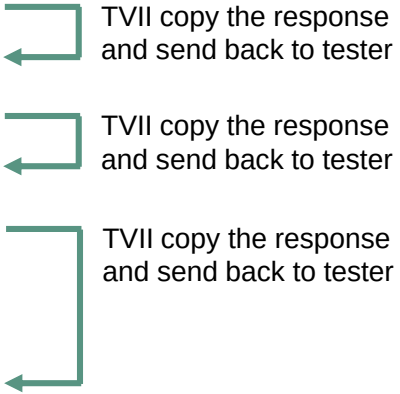
- **Expectation**:
  - Scheduled frames: Tester send PIDs according to below schedule

No.	PTYPE	ID	PID transmitter	Response transmitter	Frame length (byte)	Frame interval
1	no	0A	CXPI analyzer	CXPI analyzer	8	100ms
2	no	4A	CXPI analyzer	TVII	8	100ms
3	no	0F	CXPI analyzer	CXPI analyzer	16	100ms
4	no	4F	CXPI analyzer	TVII	16	100ms
5	no	6D	CXPI analyzer	CXPI analyzer	8	100ms
6	yes	4D	TVII	TVII	8	100ms
7	yes	5D	TVII	CXPI analyzer	24	100ms
8	no	7D	CXPI analyzer	TVII	8	100ms



  - CXPI analyzer :
    - If you have PX-10 CXPI analyzer, you can use cxpi_test.mps for it.

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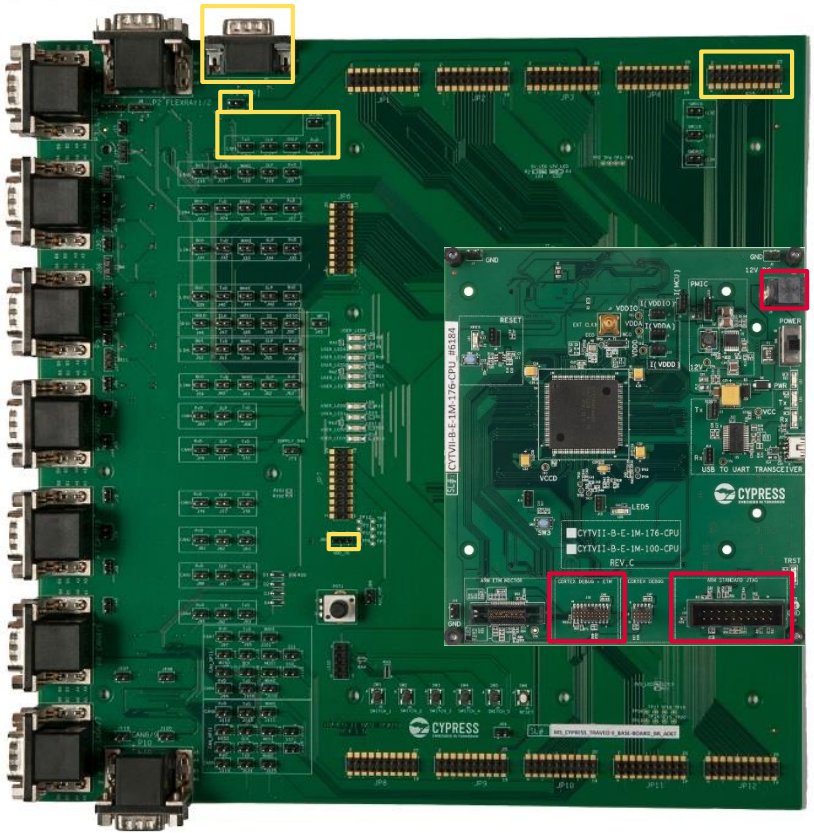

- **Legend**:
  - Red block for power, debug and USB (Mandatory)
  - Yellow block for the example specific connections