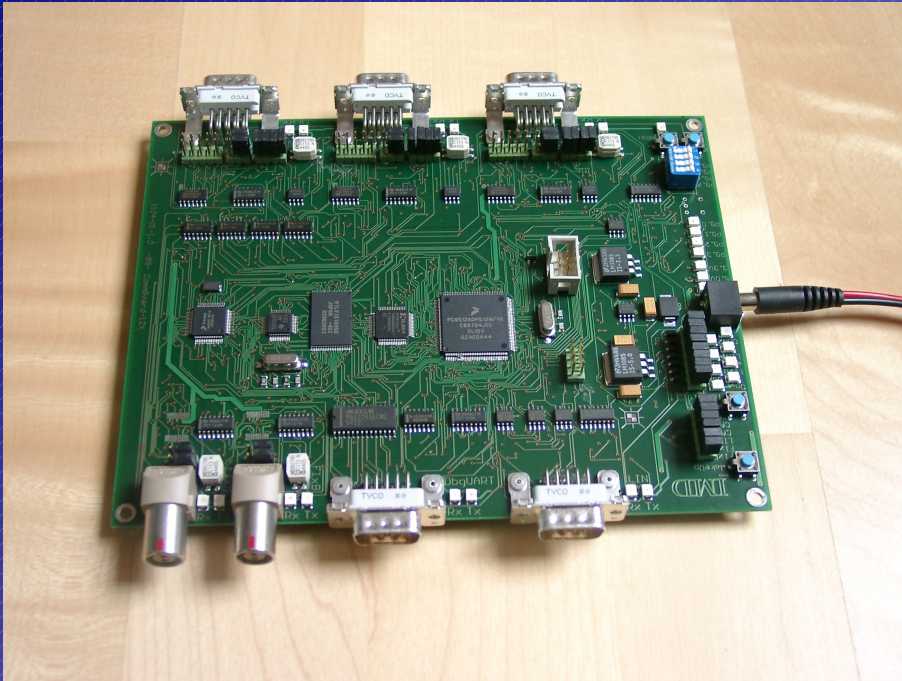


# CommBoard-12X

## Star12X MC9S12XDP512 Communication Board



# IMD

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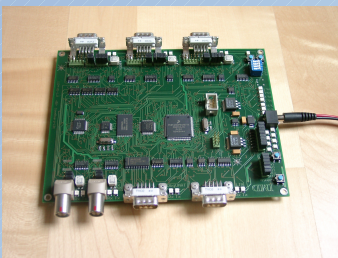


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## Board Features

- Contains a Freescale Star12X 16 bit XGATE microcontroller
- implements various automotive communications interfaces:
  - 3 high-speed or fault-tolerant CAN
  - 3 LIN bus
  - 2 FlexRay channels (chan A/B)
- Debugging support
  - independent high-speed UART for debugging purposes
  - 2 Mbytes of external SRAM
  - data monitoring LEDs for all communication channels
  - 4 software controlled LEDs
  - 4 DIP switches
  - XIRQ button
- Power supply input
  - 10V..14V DC power supply input
  - integrated smart power switch for main power supply

## Orderable Products



**CommBoard-12X**  
Star12X MC9S12XDP512 Communication Board