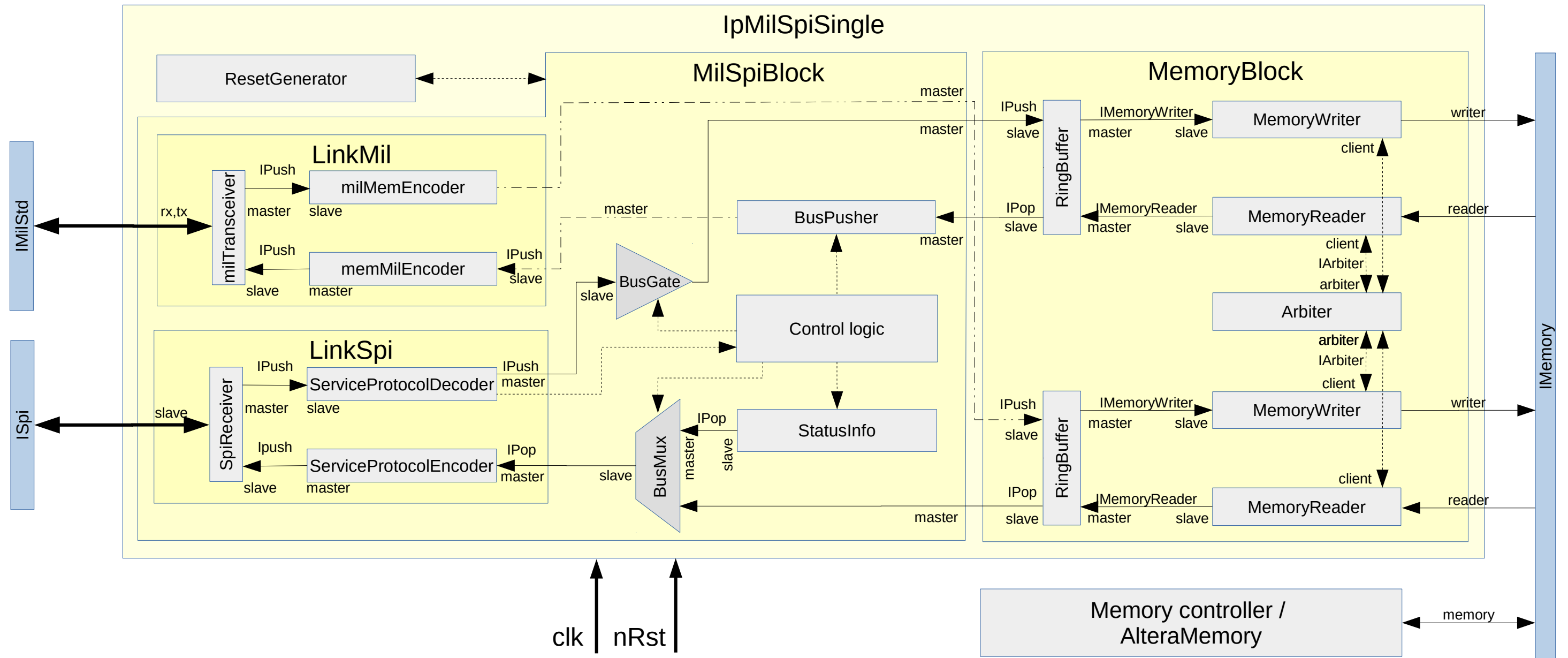


# MIL-STD-1553 to SPI bridge

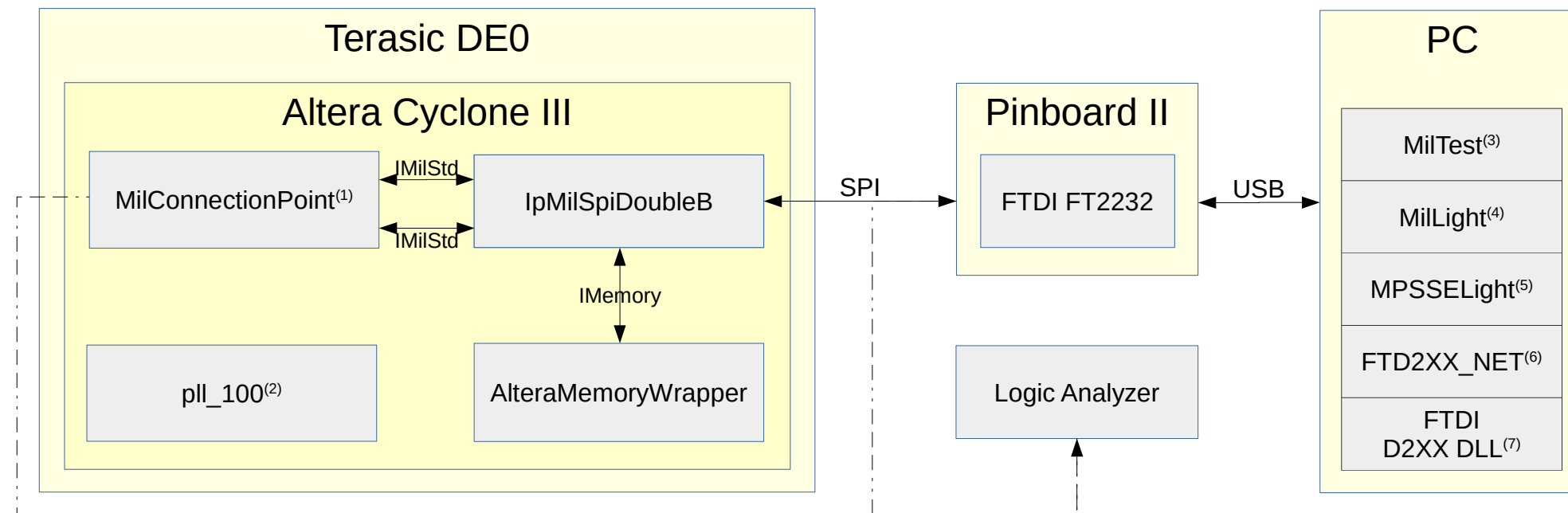
(single-channel IP core\*)



\* multi-channel IP cores (IpMilSpiDoubleA and IpMilSpiDoubleB) have similar architecture

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<https://github.com/zhelnio/mil1553-spi>

# Hardware test configuration



- (1) provides the direct connection of 2 IMilStd interfaces
- (2) Altera PLL block, 100MHz
- (3) MS Visual Studio Unit Test Project, provides automatic test data sending/checking/receiving
- (4) .NET mil1553-spi ServiceProtocol communication library
- (5) Lightweight .net MPSSE library for FT2232D, FT232H, FT2232H and FT4232H devices
- (6) FTDI .NET wrapper for D2XX DLL interface
- (7) FTDI devices library