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KSZ9477 Managed Switch Evaluation board with SAMA5D36 MPU

Part Number: EVB-KSZ9477



The evaluation board for the Ksz9477S 7-Port Gigabit Ethernet Switch (also Ksz9567 and Ksz8567). The SAMA5D3 processor manages the switch and includes the ATECC508A security encoder. The DSC1101 is the reference clock for GigE communication. The EVB can be used to implement IEEE 1588v2, AVB and DLR/HSR (available on Ksz9477 only) network redundancy. Combine multiple boards to implement redundant networks using free Linux libraries.

Features

- 5 Gigabit Ethernet PHYs
- 1 SGMII Ethernet Port (Copper or Fiber SFP)
- SAM A5D3 processor with external memory
- ATECC508A security encoder
- DSC1101 MEMs Oscillator