Motorcomm YT8511 Product Brief
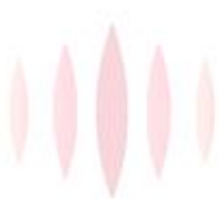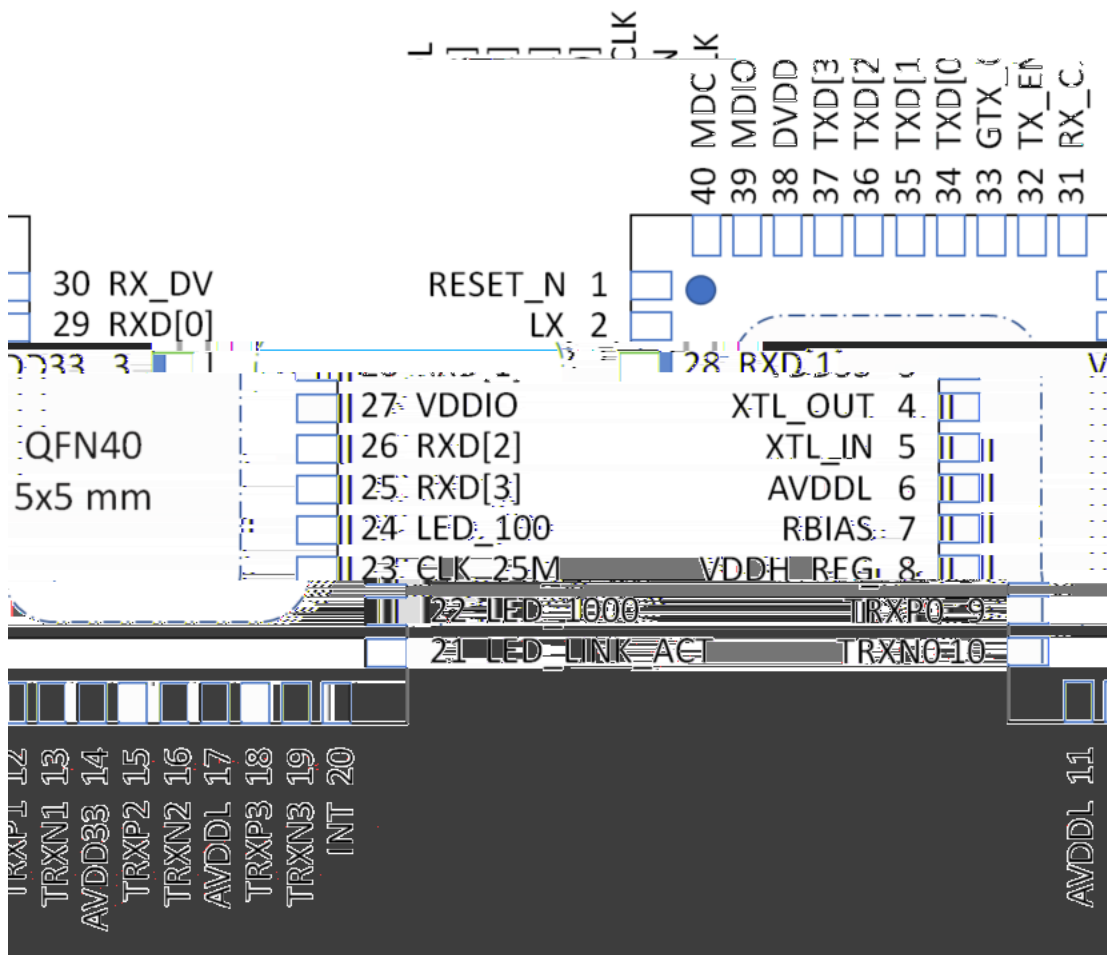
The YT8511 is a highly integrated Ethernet transceiver that complies with 10BASE-Te,

100BASE-TX, and 1000BASE-T IEEE 802.3 standards.

Overview

YT8511 provides all the necessary physical layer functions to transmit and receive Ethernet
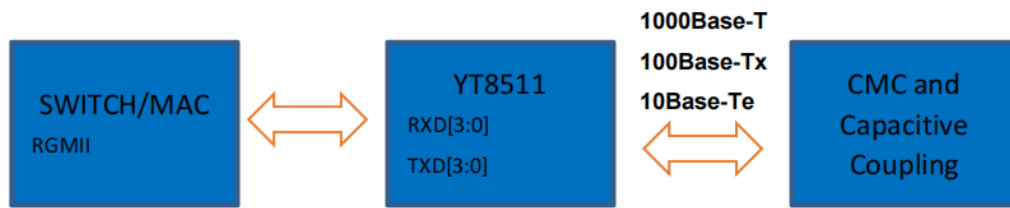
packets over CAT.5E UTP cable.

Pin Assignment

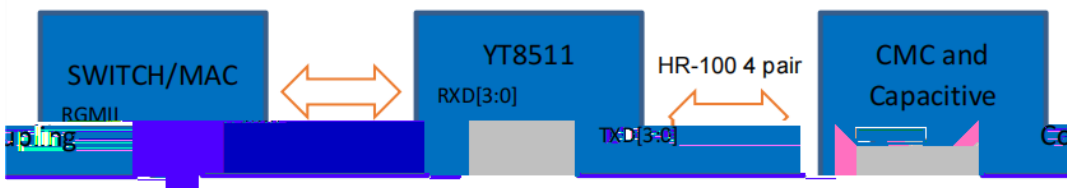*QFN40 pin assignment diagram*

Top pins (left to right): 40 MDC, 39 MDIO, 38 DVDD, 37 TXD[3], 36 TXD[2], 35 TXD[1], 34 TXD[0], 33 GTX_, 32 TX_EN, 31 RX_C

Left pins (top to bottom): 30 RX_DV, 29 RXD[0], DD33 3, 27 VDDIO, 26 RXD[2], 25 RXD[3], 24 LED_100, 23 CLK_25M, 22 LED_1000, 21 LED_LINK_ACT

Bottom pins: TRXP1 12, TRXN1 13, AVDD33 14, TRXP2 15, TRXN2 16, AVDDL 17, TRXP3 18, TRXN3 19, INT 20

Right pins (top to bottom): RESET_N 1, LX 2, 28 RXD_1, XTL_OUT 4, XTL_IN 5, AVDDL 6, RBIAS 7, VDDH_REG 8, TRXP0 9, TRXN0 10, AVDDL 11

QFN40
5x5 mm

Application Diagram

Key Features

Target Applications

HDTV
Gaming machines
IP Cameras
Printers
LED wall