

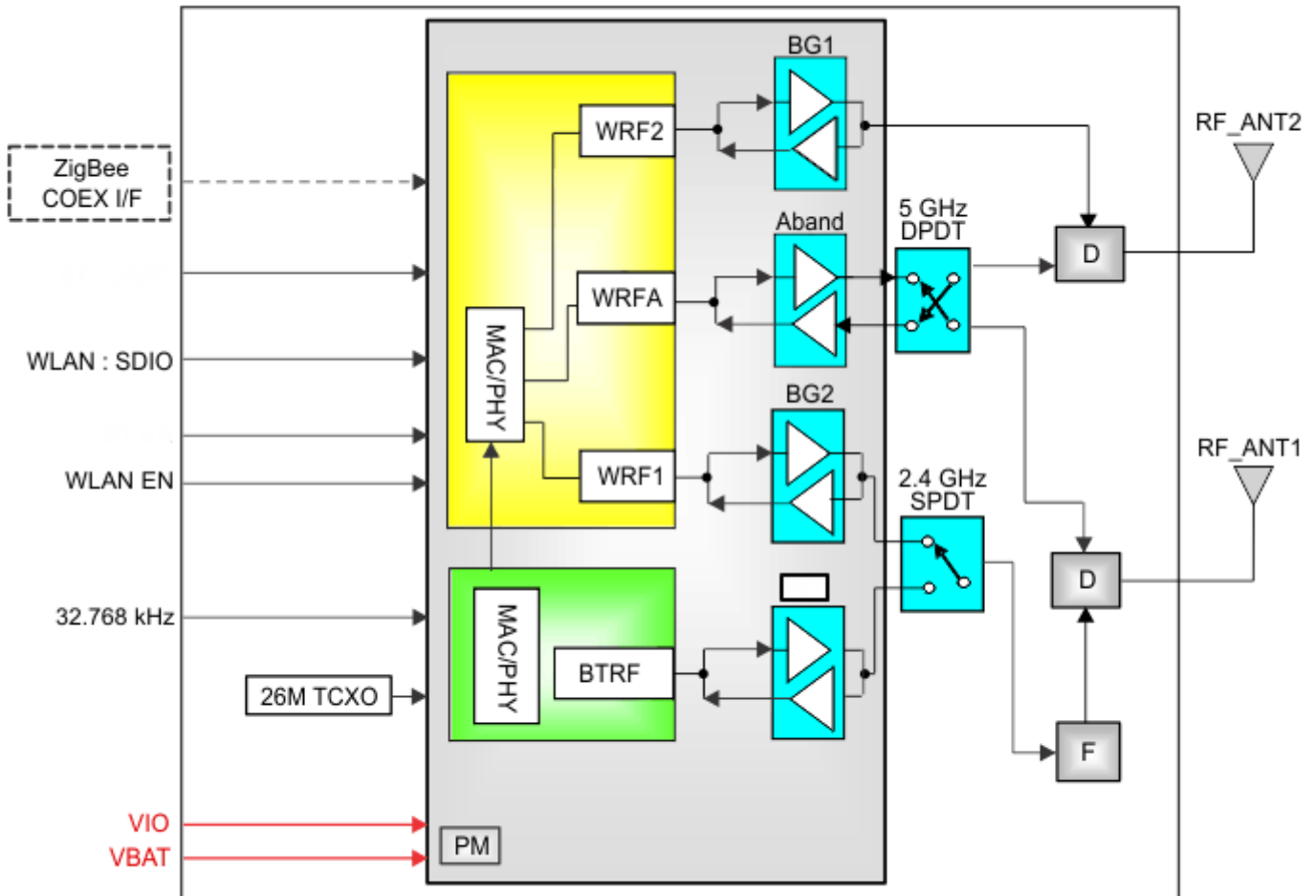
The Theory of operation

For Wi-Fi:

TI WL1807 WiLink 8 industrial dual band module provides data connectivity on 802.11a/b/g/n 2x2 MIMO.

Wi-Fi function goes through standard SDIO interface. It offers a maximum data rate of 100Mbps (UDP).

This module supports the connection of dual frequency bands, 20/40MHz SISO and 20MHz 2x2 MIMO at 2.4GHz. RF_ANT2 and RF_ANT1 support 2.4GHz/5GHz TX / RX. WL1807 Operating temperature: -40°C to +85°C industrial temperature grade, Small form factor: 13.3 × 13.4 × 2 mm and connect with 2 external dipole antenna.



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