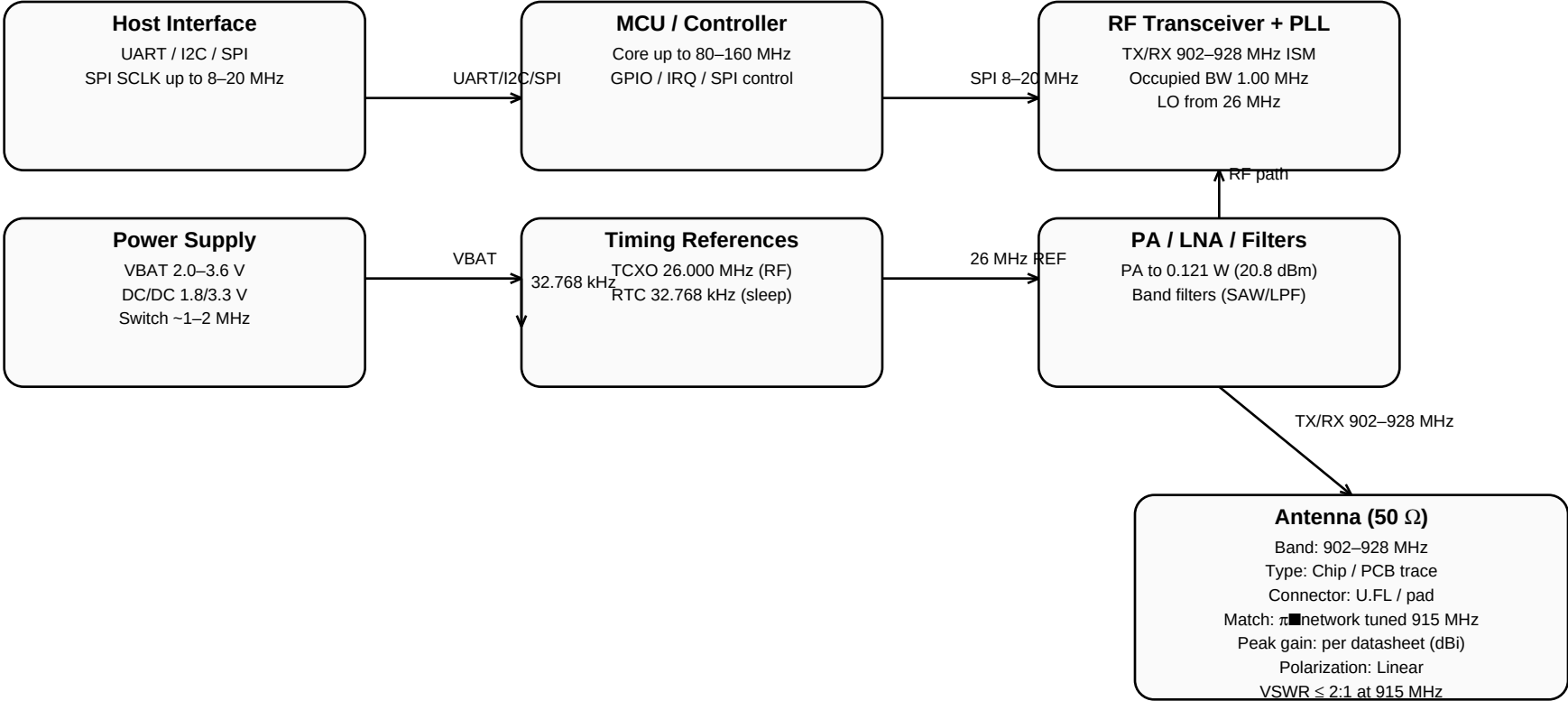


# NL68 Module – FCC Block Diagram with Frequencies

FCC ID: 2BR8WNL68 | Rule Part: 15C (DTS) | Emission Designator: 1M00F1D



## Notes:

- Operating band: 902–928 MHz ISM (FCC Part 15C, DTS).
  - Emission designator: 1M00F1D (1 MHz bandwidth, digital data).
  - Reference oscillator: 26.000 MHz TCXO feeding RF PLL; RTC: 32.768 kHz.
  - Digital interface clocks: up to 8–20 MHz (e.g., SPI).
  - DC/DC converter switching frequency ~1–2 MHz (if present).
  - Transmit power: up to 0.121 W (20.8 dBm) typical at antenna port; final values per accredited test report.
  - Antenna is integrated or connected via U.FL; must meet gain/VSWR specs per datasheet.
  - Diagram is representative; all values must align with certified test data.
- Formatted for 8.5 x 11 in. (Letter, landscape). All values must match the accredited test report.*