

3 Block Diagram

The DA14695 SmartBond™ Module is based on the Renesas Electronics DA14695 SoC. With an integrated 32 Mbit QSPI Flash, 32 MHz XTAL and a printed antenna, the module enables a faster time to market at reduced development costs.

The module, as seen in [Figure 1](#), is comprised of:

- A 32 Mbit QSPI FLASH (U2)
- A 32 MHz XTAL (X1)
- A 32 kHz XTAL (X2)
- Ten decoupling capacitors (Cx)
- A power inductor (L2)
- A CLC filter and matching components for the printed antenna

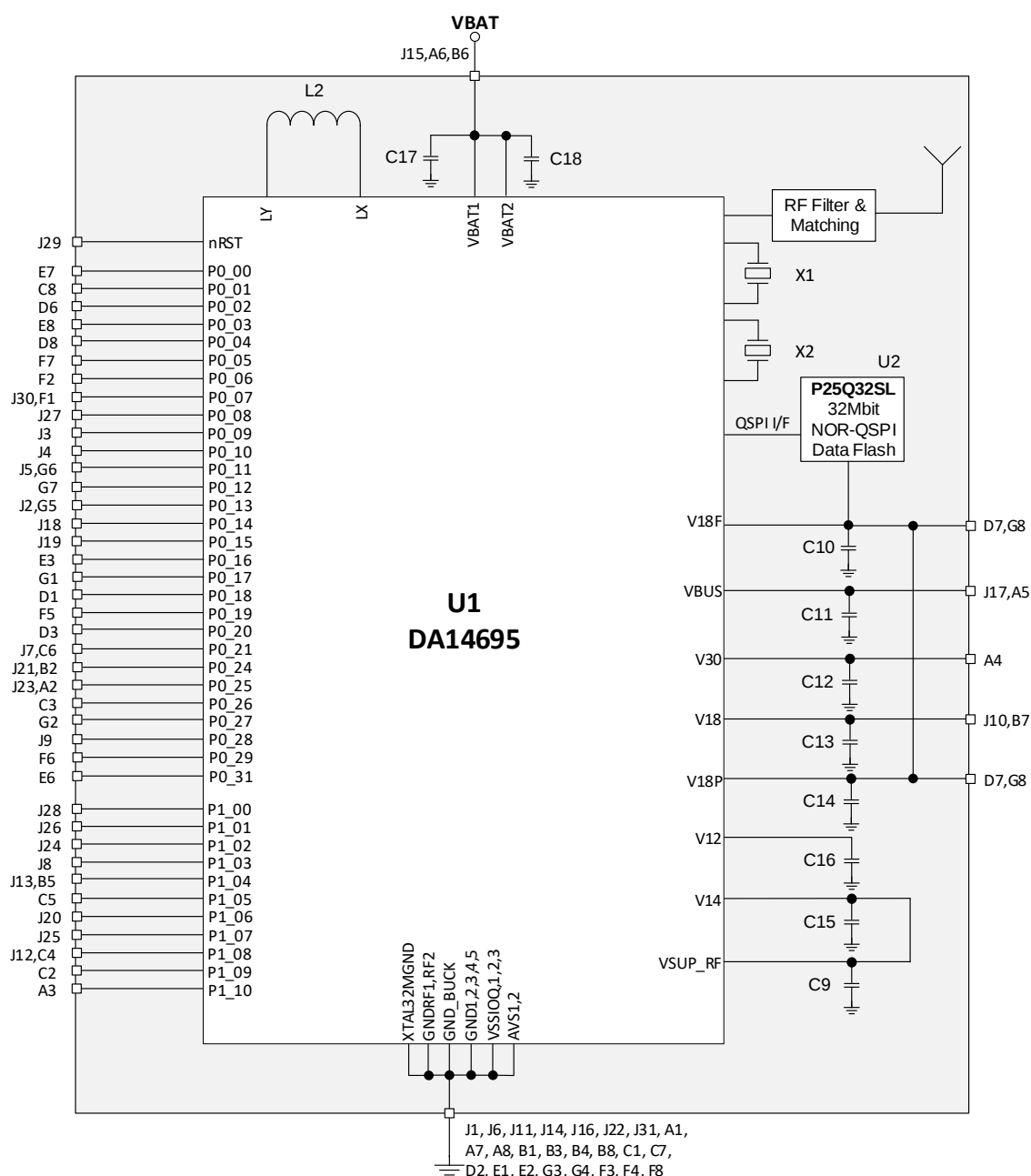


Figure 1: DA14695 SmartBond™ Module Block Diagram