High Speed ADC Data Capture

S2P

96-bit Shift Register

Processing Block

SPI

High Speed ADC Data Capture

S2P

High Speed ADC Data Capture

S2P

High Speed ADC Data Capture

S2P

Processing Block

SPI

Processing Block

SPI

Processing Block

SPI

Control and Timing Block

Nonvolatile Memory Interface

High Speed ADC Data Capture

S2P

24-bit Shift Register

Processing Block

SPI

Nonvolatile Memory Interface

High Speed ADC Data Capture

S2P

High Speed ADC Data Capture

S2P

High Speed ADC Data Capture

S2P

Processing Block

SPI

Processing Block

SPI

Processing Block

SPI

Control and Timing Block

24-bit Shift Register

24-bit Shift Register

24-bit Shift Register