Figure 25-8. Serial Programming Instruction example

Serial Programming Instruction

Load Program Memory Page (High/Low Byte)/
Load EEPROM Memory Page (page access)

Write Program Memory Page/
Write EEPROM Memory Page

Byte 1	Byte 2	Byte 3	Byte 4
	Adr MSB	**Adr LSB**	

Bit 15 B   0

Byte 1	Byte 2	Byte 3	Byte 4
	Adr MSB	Adr LSB	

Bit 15 B   0

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Program Memory/
EEPROM Memory
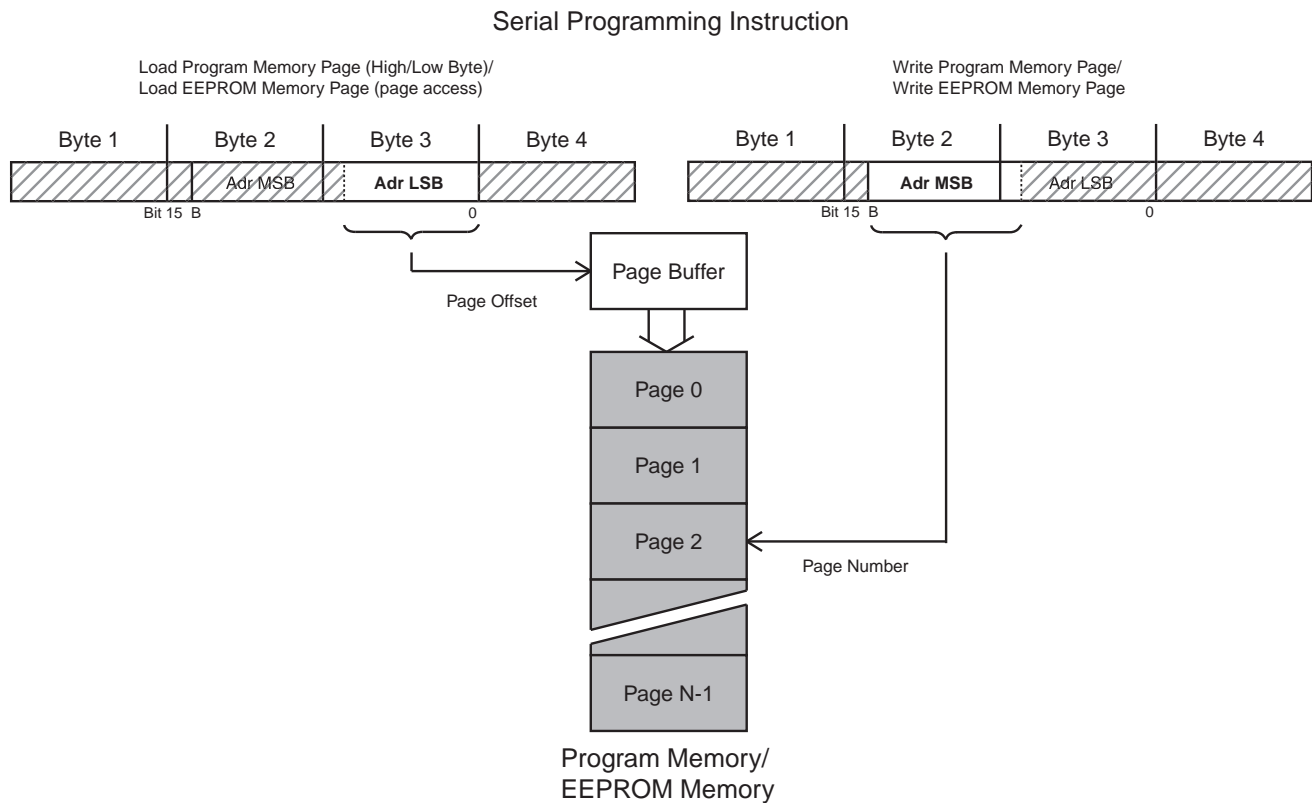
25.8.4   SPI Serial Programming Characteristics

Figure 25-9. Serial Programming Waveforms

SERIAL DATA INPUT
(MOSI)   MSB   LSB

SERIAL DATA OUTPUT
(MISO)   MSB   LSB

SERIAL CLOCK INPUT
(SCK)

SAMPLE
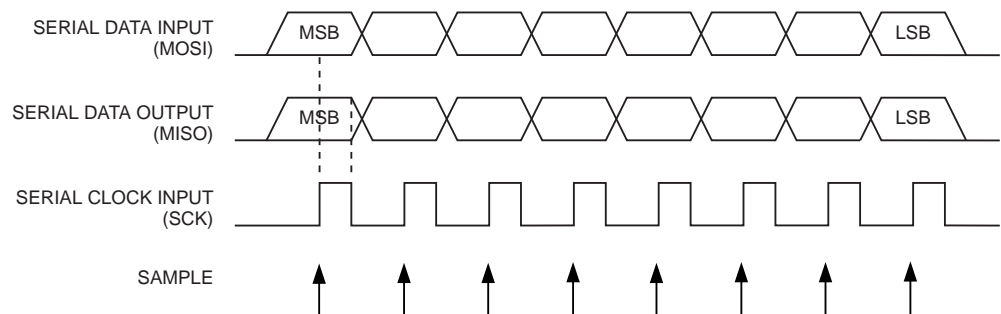
For characteristics of the SPI module see "SPI Timing Characteristics" on page 321.