

# SPI Slave Class

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Public Member Functions	
	<a href="#">SPISlave</a> (PinName mosi, PinName miso, PinName sclk, PinName ssel) Create a <a href="#">SPI</a> slave connected to the specified pins. <a href="#">More...</a>
	<a href="#">SPISlave</a> (const <a href="#">spi_pinmap_t</a> &pinmap) Create a <a href="#">SPI</a> slave connected to the specified pins. <a href="#">More...</a>
void	<a href="#">format</a> (int bits, int mode=0) Configure the data transmission format. <a href="#">More...</a>
void	<a href="#">frequency</a> (int hz=1000000) Set the <a href="#">SPI</a> bus clock frequency. <a href="#">More...</a>
int	<a href="#">receive</a> (void) Polls the <a href="#">SPI</a> to see if data has been received. <a href="#">More...</a>
int	<a href="#">read</a> (void) Retrieve data from receive buffer as slave. <a href="#">More...</a>
void	<a href="#">reply</a> (int value) Fill the transmission buffer with the value to be written out as slave on the next received message from the master. <a href="#">More...</a>

Mode	Polarity	Phase
0	0	0
1	0	1
2	1	0
3	1	1