bit counter		
0 0000	00	rd = mosi
0 0001	01	Store address
0 1000	08	
0 1001	09	$addr = (data(7:0) \ \ \ \ 1) \ \ mosi$
		if $((data \& 0x78) > 3) >= 0xC$ then $h = 1$ else $h = 0$
0 1010	0A	None
0 1110	0F	None
0 1111	0F	and $rd = 1$ {
		na = 1
		if $h == 1$ then read high else read low
		$\} else \{data = (data \ll 1) \mid mosi\}$
1 0000	10	if $h == 1$ then $add++$
1 0000	10	if addr && $0xF = 0b1100$ then $h = not h$
1 0001	11	Store data
1 1110	1E	Store data
1 1111	1F	bit counter = 0b1 0000
		if $rd == 0$ then $na = 1$
		if $h = 0$ then save data
1 1111	1F	and $rd = 1$ {
		na = 1
		if $h == 1$ then read high else read low
		$\} else \{data = (data \ll 1) \mid mosi\}$