ENC28J60 com State Diagram

S 0
Idle

Attached To SPI

Released SPI

New Register R/w

Register R/W

S4
Complete

S 2
R/W Register

S 1
Ready To Send

Finished

Data R/W

Finished

S 3
R/W Data

More Data
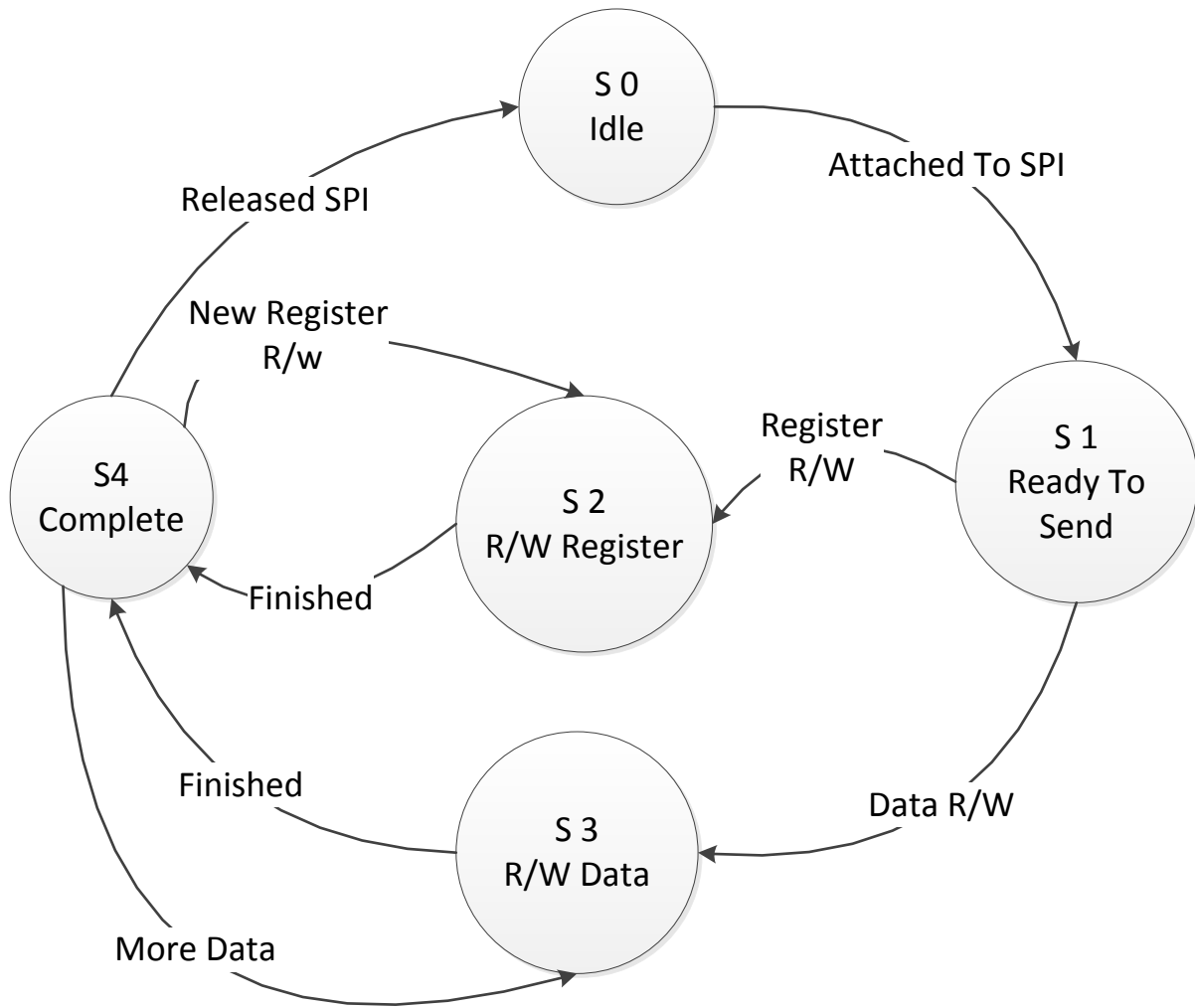
Action Table

State	Actions
S0	Do Nothing
S1	Ready To Send
S2	Setup and Send Register Data
S3	Setup and Send Data
S4	Complete

Helper Functions	
Register R/W	Read Register
	Writer Register
Data R/W	Read Data n Bytes
	Write Data n Bytes
ENC28J60- Attach	Only Attach if can attach to SPI
ENC28J60-Release	Must Release SPI as well
ENC28J60-Com Finished	Return 1 if in S4