



SPCK
MISO
MOSI

SPI Host

NPCS0
NPCS1
NPCS2
NPCS3

SPCK MISO MOSI
Client 0
NSS

SPCK MISO MOSI
Client 1
NSS

SPCK MISO MOSI
Client 14
NSS

Decoded Chip Select lines

External 1-of-n Decoder/Demultiplexer