

waitForDownload

Reset signals

**dataRx = 0x53
rxStb = '1'**

no

yes

loadByte0

rxStb

0

1

**NeuronNext(7 downto 0)
≤ dataRx**

loadByte1

rxStb

0

1

**NeuronNext(15 downto 8)
≤ dataRx**

**AddrX = 0
AddrY = 0
AddrZ += 1**

yes

AddrZ < zMax

no

no

**AddrX = 0
AddrY += 1**

yes

AddrY < yMax

no

AddrX += 1

yes

Addrx < xMax

Save

mem_we = '1'

