Order of communications:

Main Pi powers up

Set Pin 22 low

Main Pi GPIO puts the first 16-bit color

Second Pi powers up

Wait for Pin 26 high

.loop

Set Pin 21 high

Wait for Pin 21 low

If Pin 22 is high, then set Pin 21 low, then increment address

Then set direction of Pin 22 as OUT, then pull Pin 22 low, then set direction of Pin 22 as IN

Main Pi detects Pin 21 low, puts the next 16-bit color

Wait for Pin 21 low

If Pin 22 is high, then set Pin 21 low, then increment address

Then set direction of Pin 22 as OUT, then pull Pin 22 low, then set direction of Pin 22 as IN

Jmp .loop until all pixels are written to memory

Set Pin 22 high

If Pin 26 is high, then set Pin 21 high, then set Pin 3 low