

1, 8, 32, 128, 512

AT24CS

 $\mathsf{SSHM} \ \mathsf{and} \ \mathsf{XHM}$

from datasheet: standard operating voltage:

from +2.5V to +5.5V

so +3.3V or +5V should be fine

sticking with Vcc = 5V so voltages consistent

arduino uses +5V logic

08 has 2 bit addressing everything else 3 bit :)