

Fetch

1. Use the control lines to obtain access to the bus
2. Place an address on the address lines
3. Use the control lines to request a *fetch* operation
4. Test the control lines to wait for the operation to complete
5. Read the value from the data lines
6. Set the control lines to allow another device to use the bus

Store

1. Use control lines to obtain access to the bus
2. Place an address on the address lines
3. Place a value on the data lines
4. Use the control lines to specify a *store* operation
5. Test the control lines to wait for the operation to complete
6. Set the control lines to allow another device to use the bus

Figure 15.5 The steps taken to perform a *fetch* or *store* operation over a bus, and the group of lines used in each step.