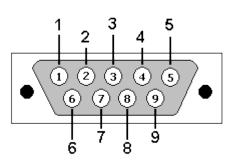


DB9F (female) with holes This female connector is attached to the **joystick**.

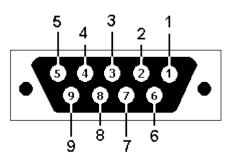


Back or solder side of female DB9



DB9M (male) with pins This male connector is used as the joystick socket on the **transmitter**.

A DB25M can be used as socket for 1 or 2 joysticks if pins 6,7,8,18,19,20 & 21 are broken out with a needle nose pliers.



Back or solder side of male DB9

Joystick pinout for DB9

This setup is compatible with available Atari 2600 style joysticks

- 1 Up
- 2 Down
- 3 Left
- 4 Right
- 5 X potentiometer
- 6 Button 1 (gripper open)
- 7 Vcc (+5v or +3.3v)
- 8 Ground
- 9 Button 2 (gripper close)*
- 10 Y potentiometer (attach wire to connector shell with screw and nut)
- * if there is only one button on the joystick then (button 1 = button + left) and (button 2 = button + right)