

## JStik™ Power & the JSimm® Bus

There are four power supply connections on the Systronix® JSimm® Bus: PWR (pin 4), +3.3VDC (pin 5), (pin 7), and ground (pin 9).

PWR	The voltage on this pin is typically unregulated except that it must not exceed the maximum value specification of any device installed in the socket. Systronix® does not specify a maximum or minimum voltage for this pin. The Simmstick™ specification for this pin is +7.5VDC to +18VDC.
+3.3VDC	Regulated +3.3VDC supply available from some JSimm devices (JStik etc) for use by other devices on the JSimm® bus. Additionally the devices which source +3.3VDC can be configured to receive +3.3VDC from the JSimm® bus. This pin differs from the Simmstick™ specification.
VDD	Regulated +5VDC±5% supply provided to JSimm® devices from the JSimm® bus.
GND	Power supply return.

JStik™ may operate stand-alone or mounted in a Systronix® JSimm® or Simstick™ socket.

When mounted in a Systronix® socket, JStik™ gets its power (+5VDC) from pin 7 of the edge connector. For stand-alone use, connect the system power supply (5VDC - 14VDC) to P3. Do not connect a power supply to this connector if JStik™ is installed in a Systronix® socket.