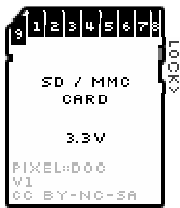


SD / MMC Pinout



SD

Pinout

SD Mode				SPI Mode		
Pin	Name	Type	Description	Name	Type	Description
1	CD/DAT3	I,O	Card detection / Data Line 3 (Bit 3)	CS	I	Chip Select (Active low)
2	CMD	I,O	Command/Response	DataIn	I	Host to Card Commands and Data
3	VSS1	S	Supply Voltage Ground	VSS1	S	Supply Voltage Ground
4	VDD	S	Supply Voltage	VDD	S	Supply Voltage
5	CLK	I	Clock	CLK	I	Clock
6	VSS2	S	Supply Voltage Ground	VSS2	S	Supply Voltage Ground
7	DAT0	I,O	Data Line 0 (Bit 0)	DataOut	O	Card to Host Data and Status
8	DAT1	I,O	Data Line 1 (Bit 1)	RSV	-	Reserved
9	DAT2	I,O	Data Line 2 (Bit 2)	RSV	-	Reserved

Type: S=power supply; I=input; O=output using push-pull drivers.

MMC

Pinout

MultiMediaCard Mode				SPI Mode		
Pin	Name	Type	Description	Name	Type	Description
1	RSV	NC	Not connected or Always 1	CS	I	Chip Select (Active low)
2	CMD	I,O,PP,OD	Command/Response	DataIn	I	Host-to-card Command and Data
3	VSS1	S	Supply Voltage Ground	VSS1	S	Supply Voltage Ground
4	VDD	S	Supply Voltage	VDD	S	Supply Voltage
5	CLK	I	Clock	CLK	I	Clock
6	VSS2	S	Supply Voltage Ground	VSS2	S	Supply Voltage Ground
7	DAT0	I,O,PP	Data0	DataOut	O	Card-to-host Data and Status

Type: S=power supply; I=input; O=output; PP: push-pull; OD: open-drain; NC: No connection or V_I high.

SD / ARDUINO Schematic

MMC	Arduino
1	10
2	11
3	gnd
4	3v3
5	13
6	gnd
7	12

