

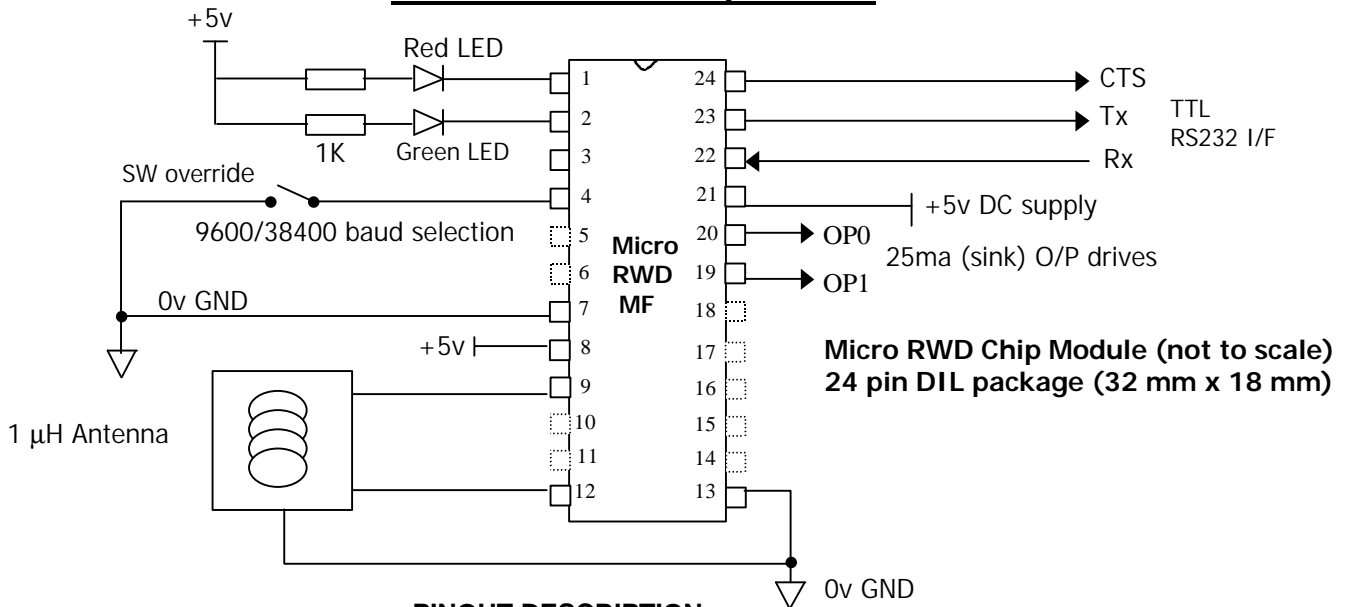
Data Sheet

MF_pinout.pdf

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Last Revised 15-12-04

Micro RWD MF Chip Module



PINOUT DESCRIPTION

Pin Name	DIP No.	I/O Type	Buffer Type	Description
LED1	1	O	TTL	Red LED connection. 25ma max sink current
LED2	2	O	TTL	Green LED connection. 25ma max sink current
RESET	3	I	ST	Reset pin internally pulled high. Active low. Normally not connected
SW1	4	I	ST	Switch input to select 9600/38400 baud host communication. (internally pulled-high – default 9600 baud)
-	5	-	-	Not connected
-	6	-	-	Not connected
GND	7	P	-	Ground reference for logic and analogue pins
VCC	8	P	-	+5v Positive supply
AN1	9	P	AN	Antenna connection. 1 (connected to Mifare antenna board)
-	10	-	-	Not connected
-	11	-	-	Not connected
AN2	12	P	AN	Antenna connection 2 (connected to Mifare antenna board)
GND	13	P	-	Ground reference for logic and analogue pins.
-	14	-	-	Not connected
-	15	-	-	Not connected
-	16	-	-	Not connected
-	17	-	-	Not connected
-	18	-	-	Not connected
OP1	19	O	TTL	(Relay) output drive. 25ma max sink current.
OP0	20	O	TTL	(Relay) output drive. 25ma max sink current.
VCC	21	P	-	+5v Positive supply
RX	22	I	TTL	Serial communication Receive line. 9600/38400 baud, 8 bit, 1 stop, no parity
TX	23	O	TTL	Serial communication Transmit line
CTS	24	O	TTL	Serial communication CTS handshake. RX enabled when CTS low and disabled when high.

(I/O = Input/Output, AN = Antenna output, P = Power, ST = Schmitt Trigger input, TTL = TTL logic I/O)