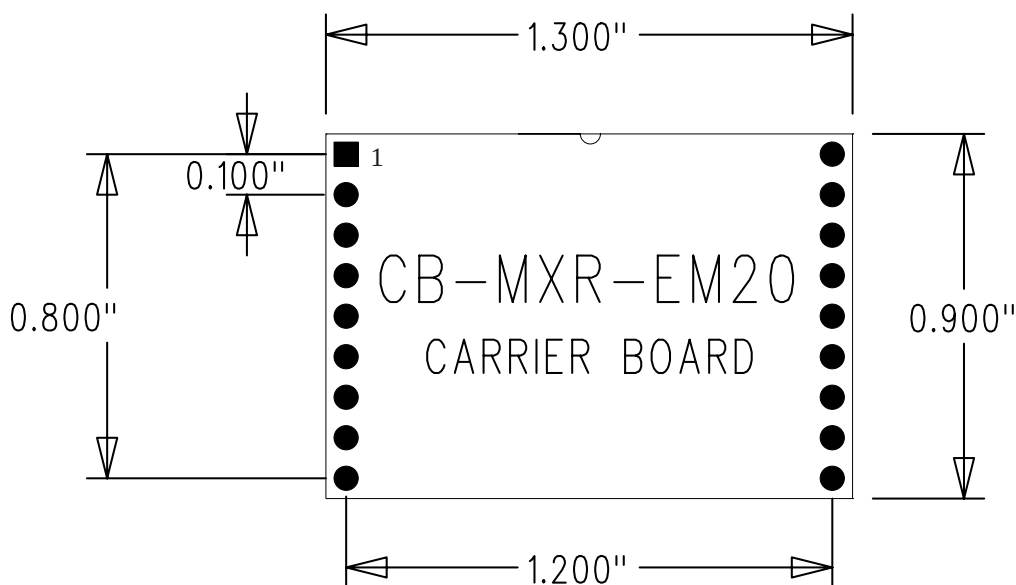


Radios, Inc.

CB-MXR-EM20 Carrier Board

Mechanical and Pin Diagram



Pin hole size: 0.034"

Pin length: 0.237"

Pin	Name	Description
1	+3.3V	+3.3 volt output source
2	TXD	UART1 transmit pin (pin 28 from ATMEGA128L)
3	RXD	UART1 receive pin (pin 27 from ATMEGA128L)
4	RESET	External reset pin (pin 20 from ATMEGA128L)
5	GND	Ground
6	TCK	JTAG programming pin - test clock (pin 57 from ATMEGA128L)
7	TMS	JTAG programming pin - test mode select (pin 56 from ATMEGA128L)
8	TDO	JTAG programming pin - test data output (pin 55 from ATMEGA128L)
9	TDI	JTAG programming pin - test data input (pin 54 from ATMEGA128L)
10	+VIN	Positive voltage supply (+9 volts)
11	I/O	General purpose input/output (pin 8 from ATMEGA128L)
12	REG-EN	Regulator enable
13	LED	LED control pin
14	PIEZO	Piezo control pin
15	ANT	RF input
16	I/O	General purpose input/output (pin 32 from ATMEGA128L)
17	I/O	General purpose input/output (pin 7 from ATMEGA128L)
18	I/O	General purpose input/output (pin 13 from ATMEGA128L)