

D

C

B

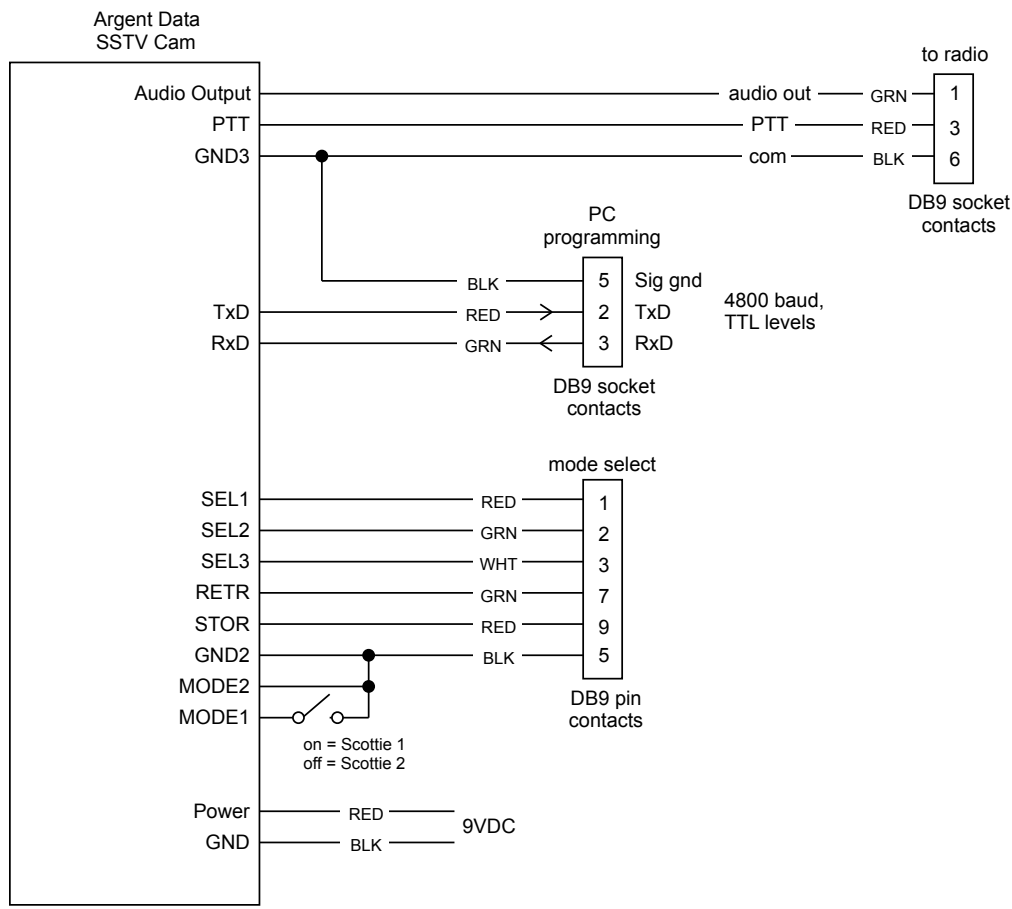
A

D

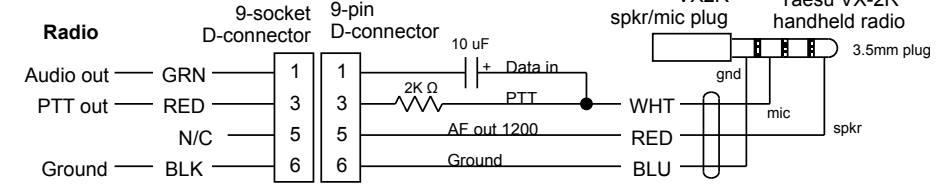
C

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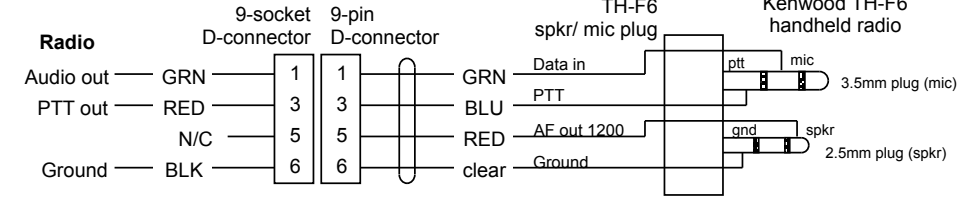
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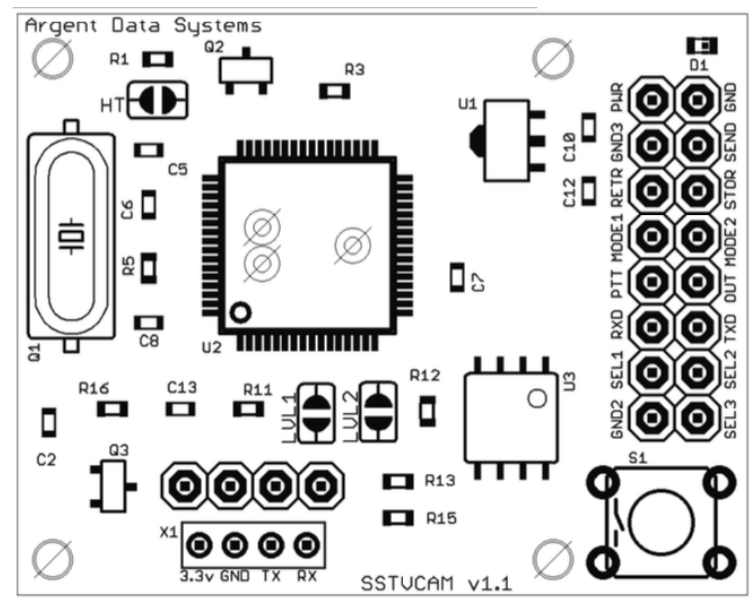
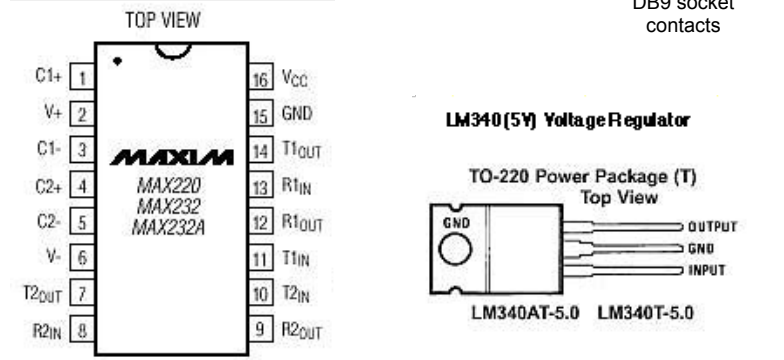
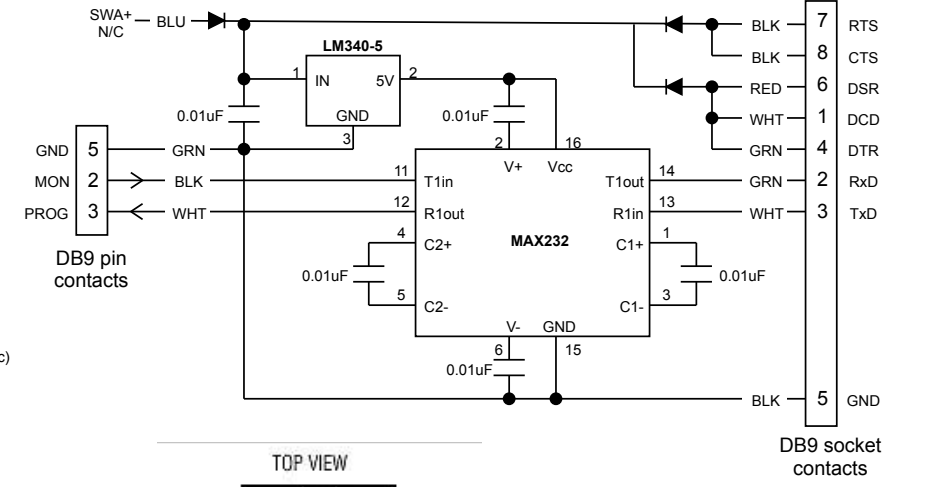
**Yaesu VX-2R handheld radio connection diagram**



**Kenwood TH-F6 handheld radio connection diagram**



**RS232 to TTL from radio interface box (RIB) diagram**



Pin	Function
PWR	Power input - 5 to 15 volts DC
GND3	Ground
RETR	Selects memory retrieve mode
MODE1	Selects SSTV format
PTT	Open collector push-to-talk output
RXD	Serial data input (LVTTTL) - 3.3v max
SEL1	Selects memory slot or timer interval
GND2	Ground
SEND	Sends or stores a frame
STOR	Selects memory store mode
MODE2	Selects SSTV format
OUT	Audio output
TXD	Serial data output (LVTTTL)
SEL2	Selects memory slot or timer interval
SEL3	Selects memory slot or timer interval

Jumper	Function
HT	Selects handheld PTT mode
SJ1	Increases audio output level
SJ2	Increases audio output level

MODE1	MODE2	Format
Off	Off	Robot 36
on	Off	Robot 72
Off	On	Scottie 2
On	On	Scottie 1

DB-9 PC serial port (direction):

- DCD Carrier Detect (to PC)
- RxD Receive Data (to PC)
- TxD Transmit Data (from PC)
- DTR Data Terminal Ready (from PC)
- Signal Ground
- DSR Data Set Ready (to PC)
- RTS Request To Send (from PC)
- CTS Clear To Send (to PC)
- Ring Indicator (to PC)

SEL1	SEL2	SEL3	Delay
Off	Off	Off	0 seconds
on	Off	Off	10 seconds
Off	On	Off	30 seconds
On	On	Off	60 seconds
Off	Off	On	120 seconds
On	Off	On	300 seconds
Off	On	On	600 seconds
On	On	On	1200 seconds

NOTES: UNLESS OTHERWISE SPECIFIED

1 APPLY

2

- Drawing Index:
- PM-E1000 General Wiring Diagram
  - PM-E1001 Primary Air-to-Ground Wireless Video Wiring Diagram
  - PM-E1002 Secondary Air-to-Ground Wireless Video Wiring Diagram
  - PM-E1003 I-Gate Station Wiring Diagram
  - PM-E1004 UHF Wireless Video Wiring Diagram
  - PM-E1005 Video Receive, Select, and Stream Wiring Diagram
  - PM-E1006 GPS and PulseOx to APRS Transmitter Wiring Diagram
  - PM-E1007 Weather Station Wiring Diagram
  - PM-E1008 Jumper 2-Way Radio Communications Wiring Diagram
  - PM-E1009 Jumper 10-meter HF Global Communications Wiring Diagram
  - PM-E1010 Slow Scan Television SSTV Camera Wiring Diagram

REV	DATE	REVISION DESCRIPTION	DRAWN	APP
1	12-12-17	wiring changes, added Max232 RIB schematic	MF Wright	
0	12-6-17	initial release	MF Wright	

<p><b>PARACHUTE MOBILE "In The Air, On The Air"</b> www.parachutemobile.org</p>				
<p><b>Parachute Mobile Communication Systems</b> Slow Scan Television SSTV Camera Wiring Diagram</p>				
DRAWN	CHK	INDEX	FSCM. NO.	LIMITS UNLESS NOTED
MF WRIGHT				
DESIGN ENGR	TEAM POSITION		DATE	
MF WRIGHT	Video Ops		12-12-17	
NEXT ASSY	USE ON	CONSULTANT	AS DWG NO	REV
		MF WRIGHT	Sheet 1 of 1	
APPLICATION		TEAM COORDINATOR	SCALE	
		R. FENN	NONE	
<b>PM-E1010</b>				<b>1</b>