

MOAS Antenna Switch – K1XM

Parts List

Semiconductors

U1	ATMEGA8515	Digikey or Mouser
U2	MAX232A	Digikey or Mouser
U3	7805	Digikey or Mouser
U4-U6	TD62783AP	Digikey
U7-U11	TPIC6A596	Digikey
D1, D2	1N4001	
D3-D6	1N4007	

Plugs and Jacks

J1	Molex connector (power)
J2	4 Pin “Microphone” connector
J3, J4	RCA
J5-J12	DB-25

Crystal

X1	7.3728 MHz	Digikey or Mouser
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Resistors

R1-R4	1K
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Capacitors

C1, C2	.01 500V
C3, C4	22uF
C5-C19	.1
C20, C21	20pF

Fuses

F1	5A
F2	.25A