

PARTS LIST FOR MIDISTREAM TX 1V01

U1	87C51RD2-MCA	MICROCONTROLLER
U2	TL7705	RESET CONTROLLER
U3	TL7705	RESET CONTROLLER
U4	74HC14	HEX SCHMITT-TRIGGER INVERTER
U5	6N136	OPTOCOUPLER
U6	XTR915	TX MODULE
U7	24C08	EEPROM
D1	1N4148	DIODE
D3	BAT85	SCHOTTKY DIODE
D4	LED	RED 3mm LED
X1	XTAL	12MHz LOW PROFILE XTAL
R1	4K7	1% METAL FILM RESISTOR
R2	220R	1% METAL FILM RESISTOR
R3	10K	1% METAL FILM RESISTOR
R4	0/C	NOT FITTED
R5	8K2	1% METAL FILM RESISTOR
R7	100R	1% METAL FILM RESISTOR
VR1	100R	MULTI-TURN CERMET TRIMMER
C1	33pF	CAPACITOR CERAMIC DISC
C2	33pF	CAPACITOR CERAMIC DISC
C3	10uF/40V	CAPACITOR ELECTROLYTIC
C4	10uF/40V	CAPACITOR ELECTROLYTIC
C5	10uF/40V	CAPACITOR ELECTROLYTIC
C6	1nF	CAPACITOR CERAMIC PLATE
C7	470uF/16V	CAPACITOR ELECTROLYTIC
C8	100nF	CAPACITOR CERAMIC DISC
C10	3TCAP	10nF - 3 TERMINAL CAPACITOR
C25	10nF/1KV	CAPACITOR CERAMIC DISC
K1	5PINDIN	5 PIN DIN SOCKET PCB MOUNT
TP1	TP	PAD FOR CONNECTION TO ANTENNA
TP2	TP	PAD FOR CONNECTION TO BATTERY LEAD
SW1	SWRADPDT	ON-OFF SLIDE SWITCH
H1	4MMHOLE	MOUNTING HOLE
H2	4MMHOLE	MOUNTING HOLE
H3	4MMHOLE	MOUNTING HOLE
H4	4MMHOLE	MOUNTING HOLE
H5	HOLE3MMX	HOLE FOR CABLE TIE
H6	HOLE3MMX	HOLE FOR CABLE TIE
DC1	100nF	CERAMIC DISC DECOUPLING CAPACITOR
DC2	100nF	CERAMIC DISC DECOUPLING CAPACITOR
DC3	100nF	CERAMIC DISC DECOUPLING CAPACITOR
DC4	100nF	CERAMIC DISC DECOUPLING CAPACITOR
DC5	100nF	CERAMIC DISC DECOUPLING CAPACITOR
DC6	100nF	CERAMIC DISC DECOUPLING CAPACITOR
DC7	100nF	CERAMIC DISC DECOUPLING CAPACITOR
DC8	100nF	CERAMIC DISC DECOUPLING CAPACITOR
RG1	L4940V5	LOW DROPOUT 5V REGULATOR
RG2	L4940V5	LOW DROPOUT 5V REGULATOR