Part List for R3500D ARDF Receiver Kit

Rev. B

Sept 20, 2015

http://crkits.com

Item	Value	Identification and comments
R1*	18k, 5~20k	BRN-GRY-ORG-GLD
R2	15k	BRN-GRN-ORG-GLD
R3	39k	ORG-WHT-ORG-GLD
R4	1k	BRN-BLK-RED-GLD
R5	6.8k	BLU-GRY-RED-GLD
R6	1k	BRN-BLK-RED-GLD
R7	1k	BRN-BLK-RED-GLD
R8	3.9k	ORG-WHT-RED-GLD
R9	100k	BRN-BLK-YEL-GLD
R10	1k	BRN-BLK-RED-GLD
R11	150 ohm	BRN-GRN-BRN-GLD
R12	4.7k	YEL-VIO-RED-GLD
R13*	910 ohm, 300~1.5k	WHT-BRN-BRN-GLD
R14	24k	RED-YEL-ORG-GLD
R15	1k	BRN-BLK-RED-GLD
R16	8.2k	GRY-RED-RED-GLD
R17	4.7 ohm	YEL-VIO-GLD-GLD
R18	4.7 ohm	YEL-VIO-GLD-GLD
R19	1k	BRN-BLK-RED-GLD
RP1	10k	two gang pot
RP2	10k	single gang pot
CT	5-20p trimmer	Trimmer capacitor
C1	0.01µ	103
C2	4700p	472
C3*	47-68p	50
C4	4700p	472
C5	0.01µ	103
C6	0.01µ	103
C7	0.1µ	104
C8	0.01µ	103
C9	470µ	electrolytic capacitor
C10	100p	101, yellow, monolithic capacitor
C11	200p	201, yellow, monolithic capacitor
C12	1000p	102
C13	1000p	102, yellow, monolithic capacitor

C14	2200p	222, yellow, monolithic capacitor
C15	4.7µ	electrolytic capacitor
C16	10µ	electrolytic capacitor
C17	470µ	electrolytic capacitor
C18	0.1µ	104
C19	0.1µ	104
C20	0.01µ	103
VD1	1N60	Glass body diode
VD2	FV1043	Glass body diode
VD3	3.5-4.4V Zener	Glass body diode
V1	9014	Transistor, TO-92
V2	9014	Transistor, TO-92
V3	9014	Transistor, TO-92
IC	TDA2822M	DIP8, with socket
T1	Shielded coil	black cap
T2	Shielded coil	white cap
S1	Antenna switch	PCB mount
S2	Part of earphone connector X	
X	Earphone connector	3.5mm stereo type, with earphone
W	Telescope antenna	
Misc.	Magnetic Rod	Rod antenna, with winding
	Screw set	
	Knobs and buttons	For S1, RP1 and RP2
	Plastic case	With battery holder for 4x AA size batteries
	Nylon strip	For fixing magnetic rod
	Earphone	With 3.5 mm diameter connector
	Printed manual	The English translation is available in this zipped file. For step by step building and alignment, please refer to PJ-80 English manual for reference.