



Fox Delta

Amateur Radio Projects & Kits

FD – RUS-0113

RUS-0113 KIT Schematic and Parts List: PIC18F2550 Remote USB Switch

Rev 0113

Remote USB Switch Kit Parts List:

Quantity	Check	Part ID	Details
1		U1	PIC18F2550
1		U2	ULN2803A
1		J1	USB Connector
4		CA LEDs	LEDs DUAL CA Type 3mm
1		IC Socket	18PIN IC Socket
1		IC Socket	28PIN IC Socket
8		RLY1-8	Relays OEN 46-05-2CO
8		OUT 1-8	2PIN Screw Terminals
1		X1	Xtal 20MHZ
9		D1 - 9	1N4148 Diodes
8		R1,2, 3, 4, 5, 6, 7,8	1K Resistors 1/4 W
6		R9,10,11,12,13,14	10K Resistors 1/4 W
4		C5,9,10,11	1uf Tantalum Capacitors
1		SW1	Reset Switch
4		C1,2,3,4,	0.1uF Capacitors
1		C8	0.47uF
2		CX, CX**	470pf Ceramic
2		C6, C7	18 or 22pf Ceramic
2		LED/CONFIG	2Pin Headers
2		FB1, 2	Ferrite Bead Fair rite 26433000301
1+1		PCB	RUS-0113 PCB with Free Metal Case

** = Only requires if PC noise is interfering PIC operation. If not installed, do not place jumpers at CX.

PCB TOP SILK:



