

8/28/2017 Shelf Mux Rev 1.1 (8 Antenna Configuration)(Near LINUX Board)										
Line	Part	Board Name	Manufacturer	Supplier	Supplier Part #	Units/board	Qty Total Units	DNP	In Stock	Ordered
1	PCB Board		VR	Imagineering	Shelf Mux Rev 1.1	1	200			
2	IC RF Switch	U1, U4	Peregrine Semi.	Digikey	PE42641MLBC-Z PE42641MLBD-Z	2	242			
3	IC Reg LDO 2.8V	U2	Microchip	Digikey	TC1016-2.8VCTTR	1	121			
4	Bus Transceiver Dual-bit	U3	Texas Instr.	Mouser	SN74LVC2T45DCTR	1	121			
5	1.25mm Connector 15c	BRD, M6e	Molex	Arrow	53261-1571	2	242			
6	1.25mm Connector 6c	GPIO	Molex	Arrow	53261-0671	1	120			
7	Fixed Inductor 2.7nH (0805)	L2, L7, L8	EPCOS	Mouser	B82498F3279K	3	396			
8	Resistor 0 ohm (0805)	L1, L3, L4, L5, L6	Vishay / Dale	Mouser	CRCW08050000Z0EA	5	660			
9	Capacitor 1uF 10V (0805)	C1	Murata	Mouser	GRM21BR71A105MA01L	1	132			
10	Capacitor 0.1uF 50V (0805)	C2-C5	TDK	Mouser	C0805C104K5RACTU	4	528			
11	Resistor 56 ohm (0805)	C10	Vishay / Dale	Mouser	CRCW080556R0FKEA	1	132			
12	Resistor 68.1 ohm (0805)	C6, C8, C9, C11	Vishay / Dale	Mouser	CRCW080568R1FKEA	4	528			
13	Resistor 90.9 ohm (0805)	C7, C12	Vishay / Dale	Mouser	CRCW080590R9FKEA	2	264			
14	Resistor 150 ohm (0805)	C13	Vishay / Dale	Mouser	CRCW0805150RFKEA	1	132			
15	U.FL Receptacle (SMT)	J1-J8	Hirose	Mouser	U.FL-R-SMT-1	8	968	DNP		
16	MMCX Connector R/A	RF1, RF2	Molex	Mouser	73415-1001	2	242			

Total Control Board =

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Board Quantity **110**

**LEGEND**

Thru Hole  
Do Not Populate

