

6x2 BOM

Part	Quantity	Digikey	Conrad.de	Elfa
RF relays	18	Z147-ND	502921 - Finder 40.61.9.012.0000	37-443-40
Interlock relays	12	PB1122-ND	502866 – RY12W	37-162-22
Standoffs 10mm	12	952-1501-ND		48-012-29
Standoffs 30mm	4	952-1513-ND		48-012-59
BAS32 diode	12	568-1601-1-ND		70-300-67
100nF 0805 capacitors	12	311-1361-1-ND		65-766-31
S14K17 MOV	12	495-3766-ND		60-295-73
6-pole terminal	2	ED2229-ND		48-374-31
2-pole terminal	1	ED2580-ND		48-375-06
SO239/N connectors	8	Your favorite place. They should be for ONE hole mounting		

Stacker BOM

Part	Quantity	Digikey	Conrad.de	Elfa
RF relays	5	Z147-ND	502921 - Finder 40.61.9.012.0000	37-443-40
Standoffs 10mm	8	952-1501-ND		48-012-29
1N4004 diodes	5	1N4004FSCT-ND		70-003-91
100nF 0805 capacitors	5	311-1361-1-ND		65-766-31
5-pole terminal	1	ED2583-ND		48-374-15
S14K17 MOV	4	495-3766-ND		60-295-73
FT240-61		Can be bought at amidon, spiderbeam, http://www.kitsandparts.com/		
SO239/N connectors	4	Your favorite place. They should be for ONE hole mounting		

6x1 BOM

Part	Quantity	Digikey	Conrad.de	Elfa
RF relays	6	Z147-ND	502921 - Finder 40.61.9.012.0000	37-443-40
Standoffs 10mm	28	952-1501-ND		48-012-29

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1N4004 diodes	6	1N4004FSCT-ND	70-003-91
100nF 0805 capacitors	6	311-1361-1-ND	65-766-31
8-pole terminal	1	ED2586-ND	48-374-56
S14K17 MOV	6	495-3766-ND	60-295-73

SO239/N connectors 7 Your favorite place. They should be the type with four holes for mounting
Also, some 2mm wire is needed to make the compensation coil if wanting to have optimal insertion loss

4-SQ BOM

Part	Quantity	Digikey	Conrad.de	Elfa
RF relays	6	Z147-ND	502921 - Finder 40.61.9.012.0000	37-443-40
Standoffs 10mm	24	952-1501-ND		48-012-29
1N4004 diodes	2	1N4004FSCT-ND		70-003-91
100nF 0805 capacitors	6	311-1361-1-ND		65-766-31
3-pole terminal	1	ED2610-ND		48-375-20
S14K17 MOV	2	495-3766-ND		60-295-73

SO239/N connectors 6 Your favorite place. They should be the type with four holes for mounting
T225-2 core 2 Can be bought at amidon, <http://www.kitsandparts.com/>
High voltage capacitors 2

This is an excellent source how to build a 4-SQ box, http://tk5ep.free.fr/tech/4sq/en/4sq_switch.php