

Notes

• This is the schematic of the so-named SSSP-600, a Hammarlund SP-600 converted to solid-state. This is based on the reverse-engineered schematic of the unit as received while incorporating some alterations and improvements.

• Note source and drain connections on QV2 and QV4 are reversed. This is as per original wiring of those sockets.

• Capacitance in microfarads unless otherwise indicated.

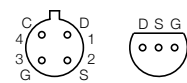
• 2014 Aug: Initial drawing per 1st conversion / bhilpert.
2019 May: Updates per functioning 2nd conversion / bh.

Solid-State Hammarlund SP-600
Version 2

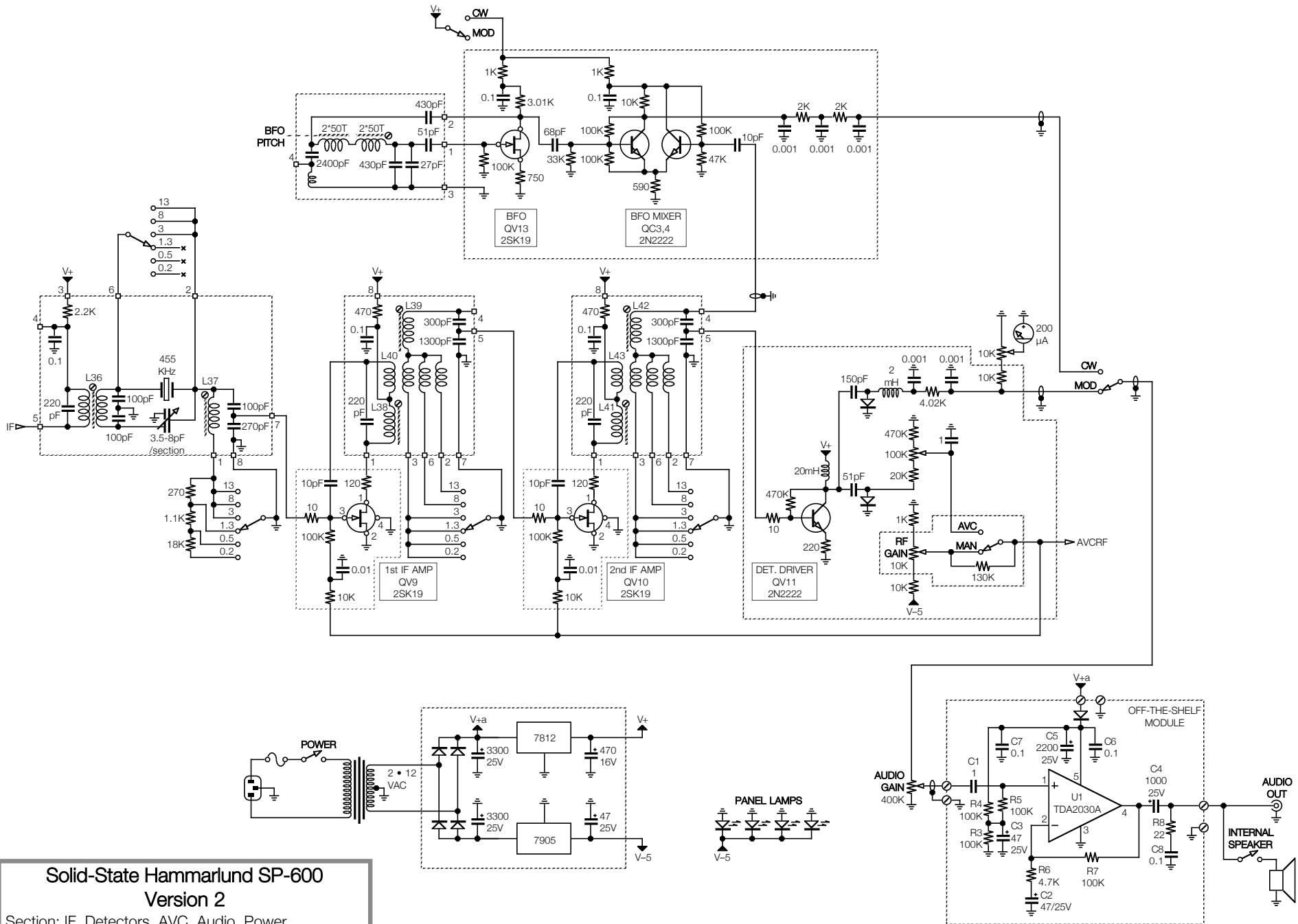
Section: Front End
Page: 1 Rendition: 2019 Jun 9

ID	Type	ID	Type
QV1	2SK19	QC1	nid npn
QV2	2SK19	QC2	2N709
QV3	-	QC3	2N2222
QV4	2N4224	QC4	2N2222
QV5	2N4224	QC5	2N2222
QV6	2N2222		
QV7	2N2222		
QV8	2N2222		
QV9	2SK19		
QV10	2SK19		
QV11	2N2222		
QV12	-		
QV13	2SK19		
QV14	-		
QV15	-		
QV16	2N2222		
QV17	-		
QV18	-		
QV19	-		
QV20	-		

2N4224 2SSK19



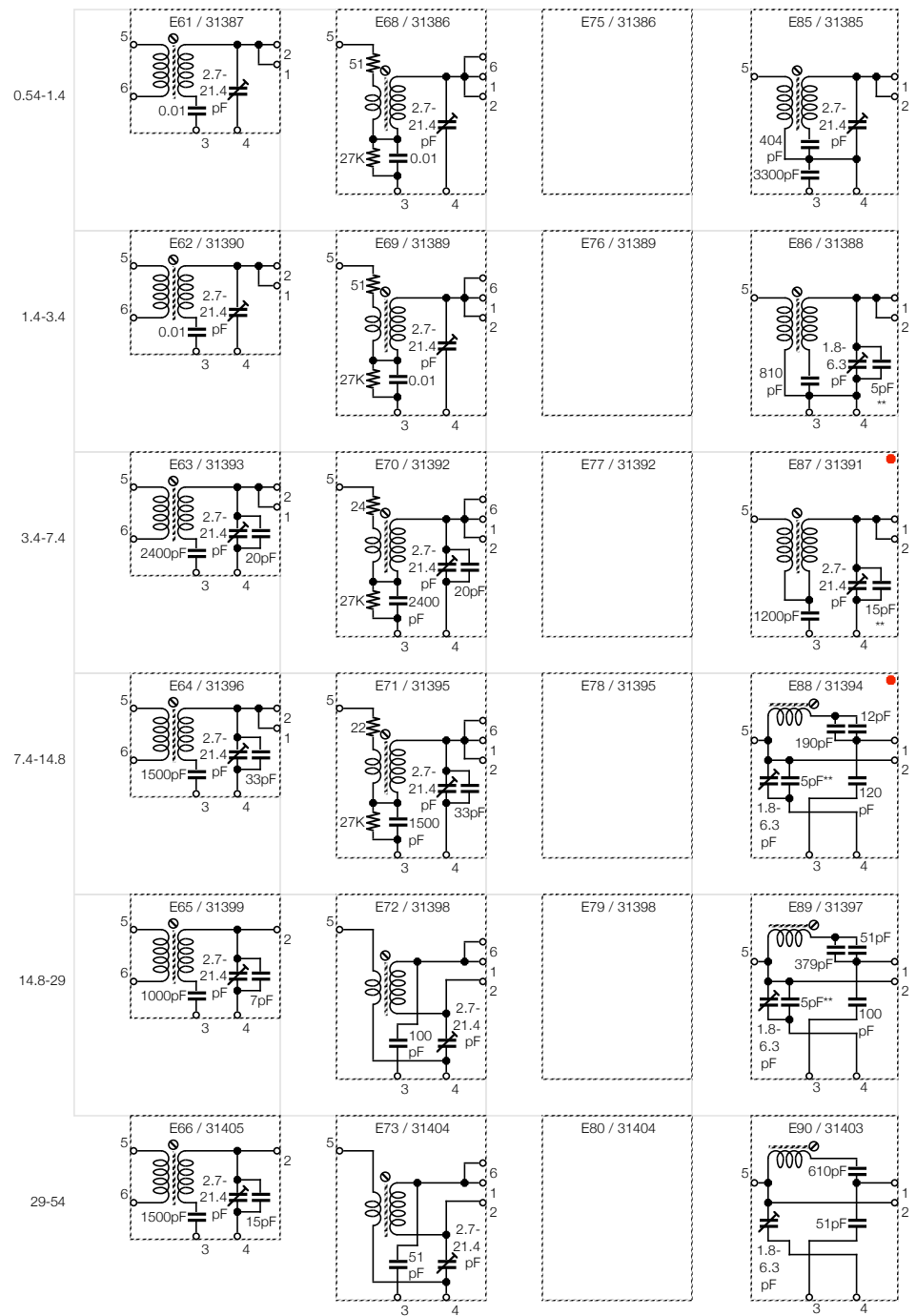
bottom views



**Solid-State Hammarlund SP-600
Version 2**

Section: IF, Detectors, AVC, Audio, Power

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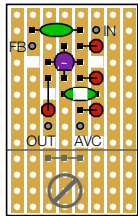


** These capacitors are added or changed in value for the solid-state conversion.

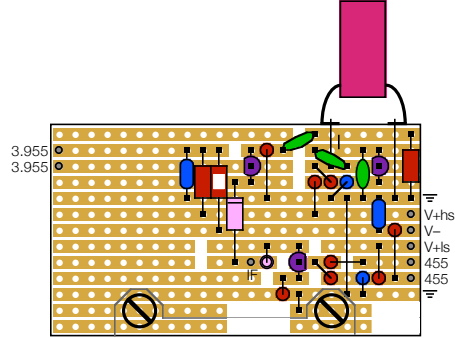
● Examined

Solid-State Hammarlund SP-600 Version 2

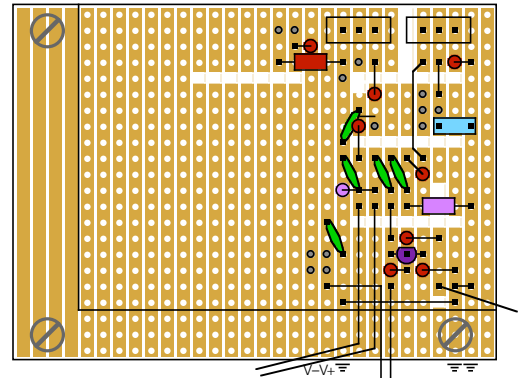
IF Amplifiers



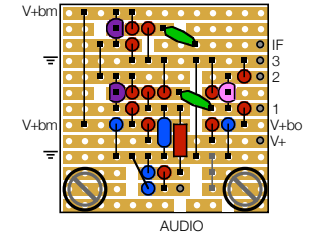
2nd Converter & Lo-Band Buffer



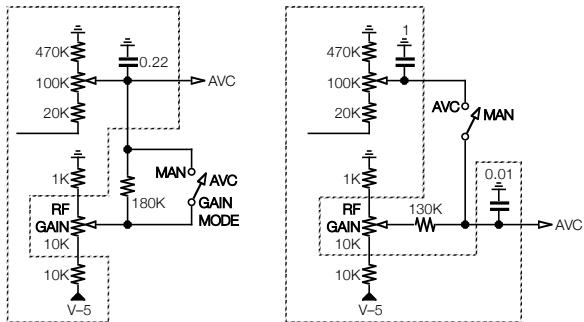
Detector & AVC



BFO



Power Supply



Solid-State Hammarlund SP-600
Version 2