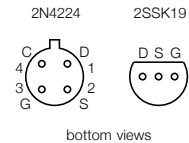


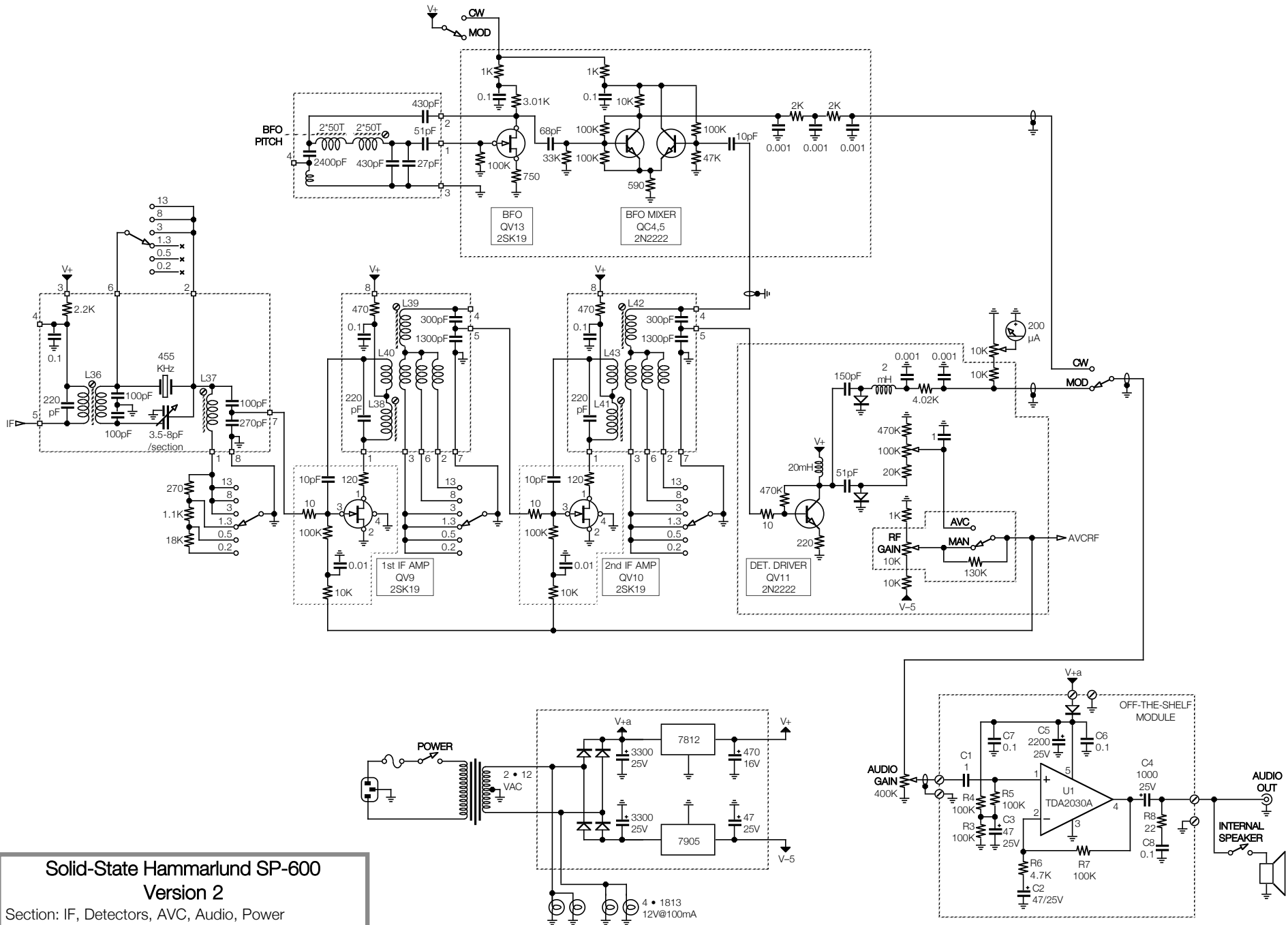
**Notes**

- 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.

ID	Type	ID	Type
QV1	2SK19	QC1	2N709
QV2	2SK19	QC2	nid npn
QV3	-	QC3	2N709
QV4	2N4224	QC4	2N2222
QV5	2N4224	QC5	2N2222
QV6	2N2222	QC6	2N2222
QV7	2N2222		
QV8	2N2222		
QV9	2SK19		
QV10	2SK19		
QV11	2N2222		
QV12	-		
QV13	2SK19		
QV14	-		
QV15	-		
QV16	2N2222		
QV17	-		
QV18	-		
QV19	-		
QV20	-		



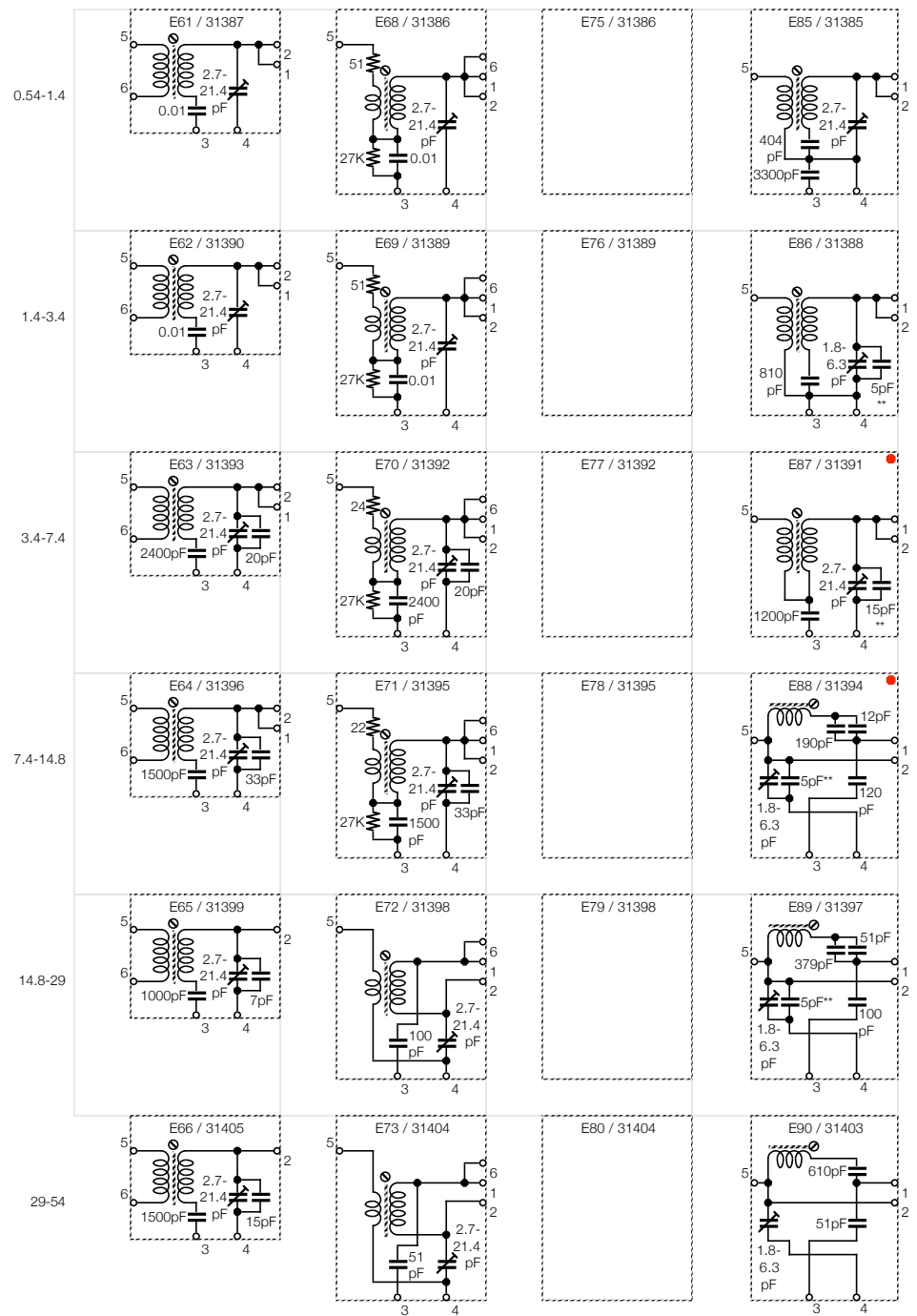
**Solid-State Hammarlund SP-600  
Version 2**



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

Section: IF, Detectors, AVC, Audio, Power  
Page: 2

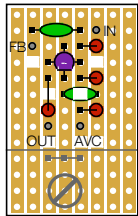
Rendition: 2019 May 23



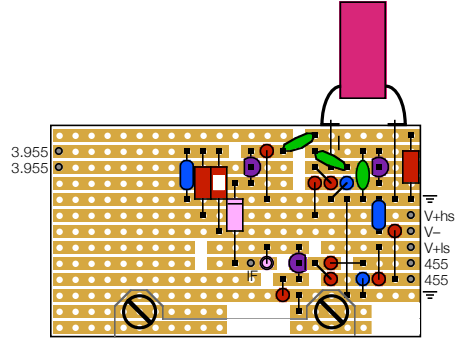
\*\* These capacitors are added or changed in value for the solid-state conversion.

● Examined

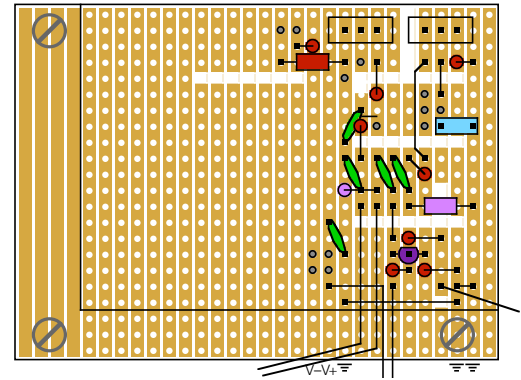
IF Amplifiers



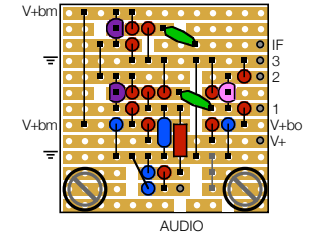
2nd Converter & Lo-Band Buffer



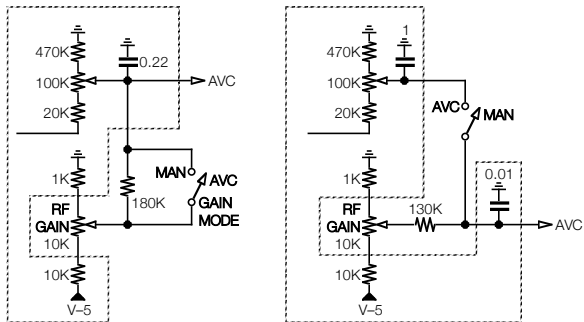
Detector & AVC



BFO



Power Supply



Solid-State Hammarlund SP-600  
Version 2