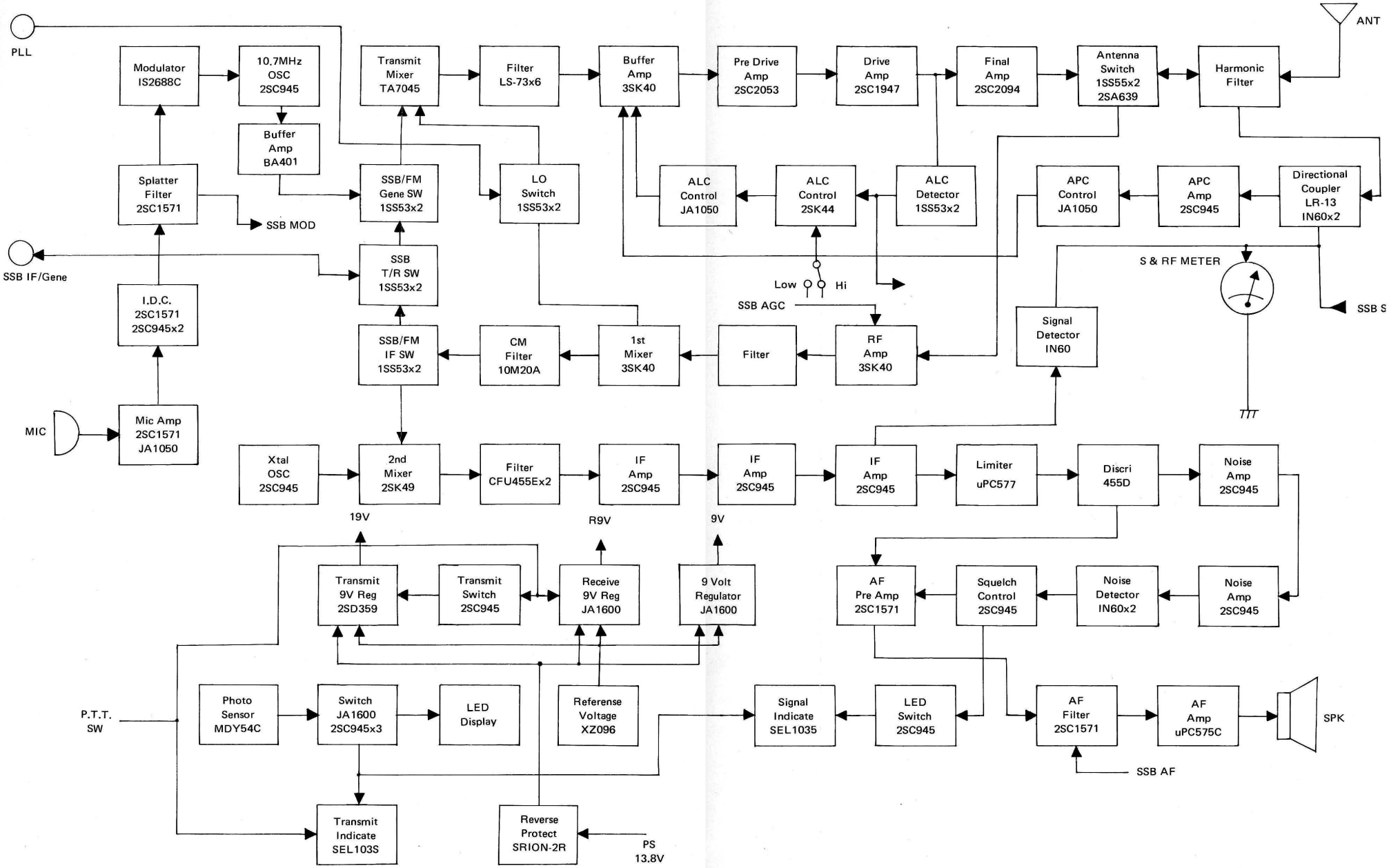
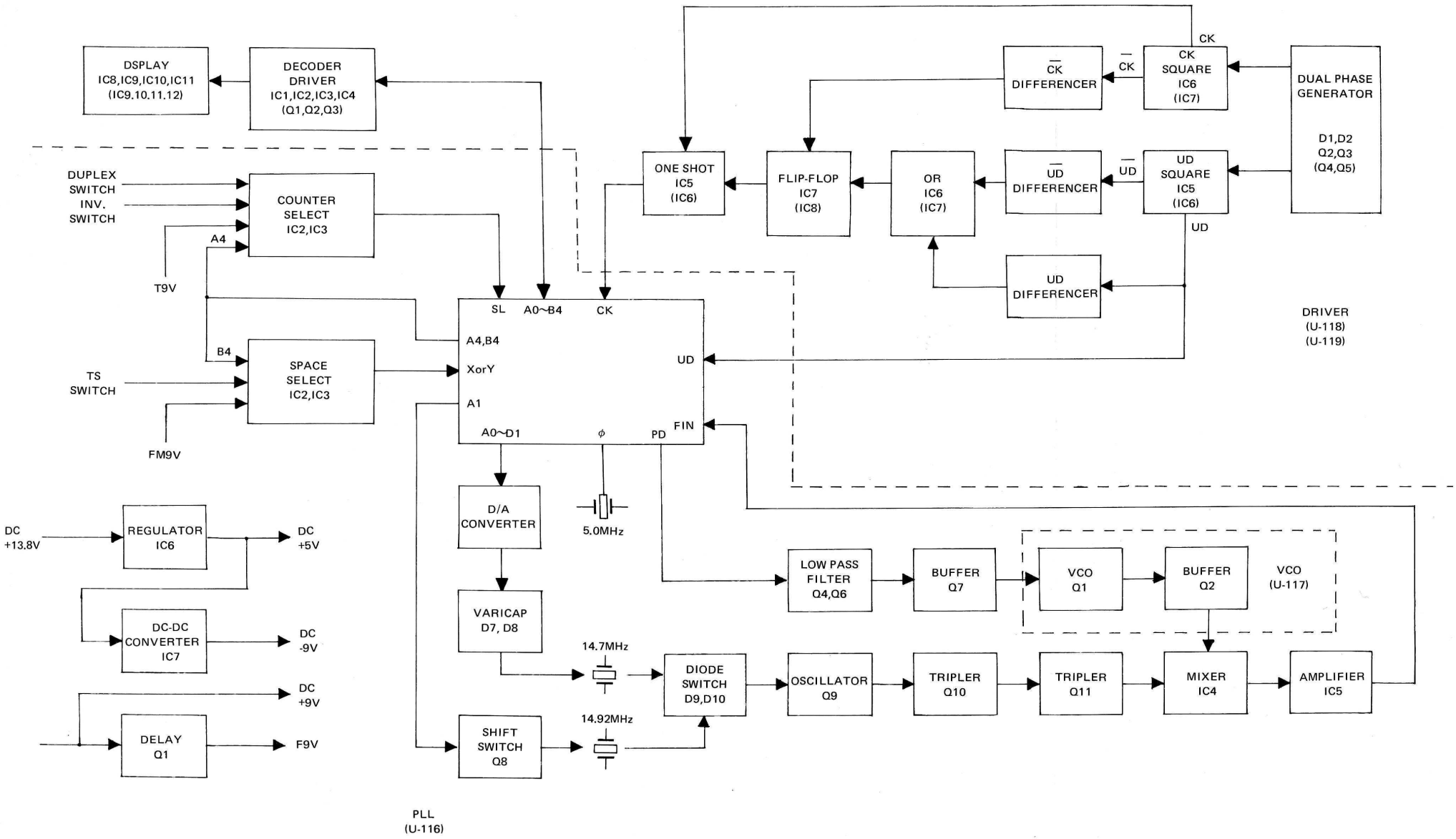

PLL
Modulator IS2688C
10.7MHz OSC 2SC945
Buffer Amp BA401
Splatter Filter 2SC1571
SSB MOD
SSB IF/Gene
I.D.C. 2SC1571 2SC945x2
MIC
Mic Amp 2SC1571 JA1050
Transmit Mixer TA7045
SSB/FM Gene SW 1SS53x2
SSB T/R SW 1SS53x2
SSB/FM IF SW 1SS53x2
Filter LS-73x6
LO Switch 1SS53x2
CM Filter 10M20A
1st Mixer 3SK40
Buffer Amp 3SK40
ALC Control JA1050
ALC Control 2SK44
Low
Hi
SSB AGC
Filter
RF Amp 3SK40
Pre Drive Amp 2SC2053
Drive Amp 2SC1947
ALC Detector 1SS53x2
Final Amp 2SC2094
Antenna Switch 1SS55x2 2SA639
Harmonic Filter
ANT
APC Control JA1050
APC Amp 2SC945
Directional Coupler LR-13 IN60x2
S & RF METER
SSB S
Signal Detector IN60
Xtal OSC 2SC945
2nd Mixer 2SK49
Filter CFU455Ex2
IF Amp 2SC945
IF Amp 2SC945
IF Amp 2SC945
Limiter uPC577
Discri 455D
Noise Amp 2SC945
19V
R9V
9V
Transmit 9V Reg 2SD359
Transmit Switch 2SC945
Receive 9V Reg JA1600
9 Volt Regulator JA1600
AF Pre Amp 2SC1571
Squelch Control 2SC945
Noise Detector IN60x2
Noise Amp 2SC945
P.T.T. SW
Photo Sensor MDY54C
Switch JA1600 2SC945x3
LED Display
Referense Voltage XZ096
Signal Indicate SEL1035
LED Switch 2SC945
AF Filter 2SC1571
AF Amp uPC575C
SPK
SSB AF
Transmit Indicate SEL103S
Reverse Protect SRION-2R
PS 13.8V


DSPLAY
IC8,IC9,IC10,IC11
(IC9.10.11.12)
DECODER
DRIVER
IC1,IC2,IC3,IC4
(Q1,Q2,Q3)
CK
CK
SQUARE
IC6
(IC7)
CK
DIFFERENCER
DUAL PHASE
GENERATOR
D1,D2
Q2,Q3
(Q4,Q5)
ONE SHOT
IC5
(IC6)
FLIP-FLOP
IC7
(IC8)
OR
IC6
(IC7)
UD
DIFFERENCER
UD
UD
SQUARE
IC5
(IC6)
UD
UD
DIFFERENCER
DUPLEX
SWITCH
INV.
SWITCH
COUNTER
SELECT
IC2,IC3
A4
T9V
SL
A0~B4
CK
A4,B4
XorY
A1
UD
A0~D1
φ
PD
FIN
DRIVER
(U-118)
(U-119)
B4
SPACE
SELECT
IC2,IC3
TS
SWITCH
FM9V
D/A
CONVERTER
5.0MHz
DC
+13.8V
REGULATOR
IC6
DC
+5V
LOW PASS
FILTER
Q4,Q6
BUFFER
Q7
VCO
Q1
BUFFER
Q2
VCO
(U-117)
VARICAP
D7, D8
DC-DC
CONVERTER
IC7
DC
-9V
14.7MHz
DIODE
SWITCH
D9,D10
OSCILLATOR
Q9
TRIPLER
Q10
TRIPLER
Q11
MIXER
IC4
AMPLIFIER
IC5
DC
+9V
DELAY
Q1
F9V
SHIFT
SWITCH
Q8
14.92MHz
PLL
(U-116)