

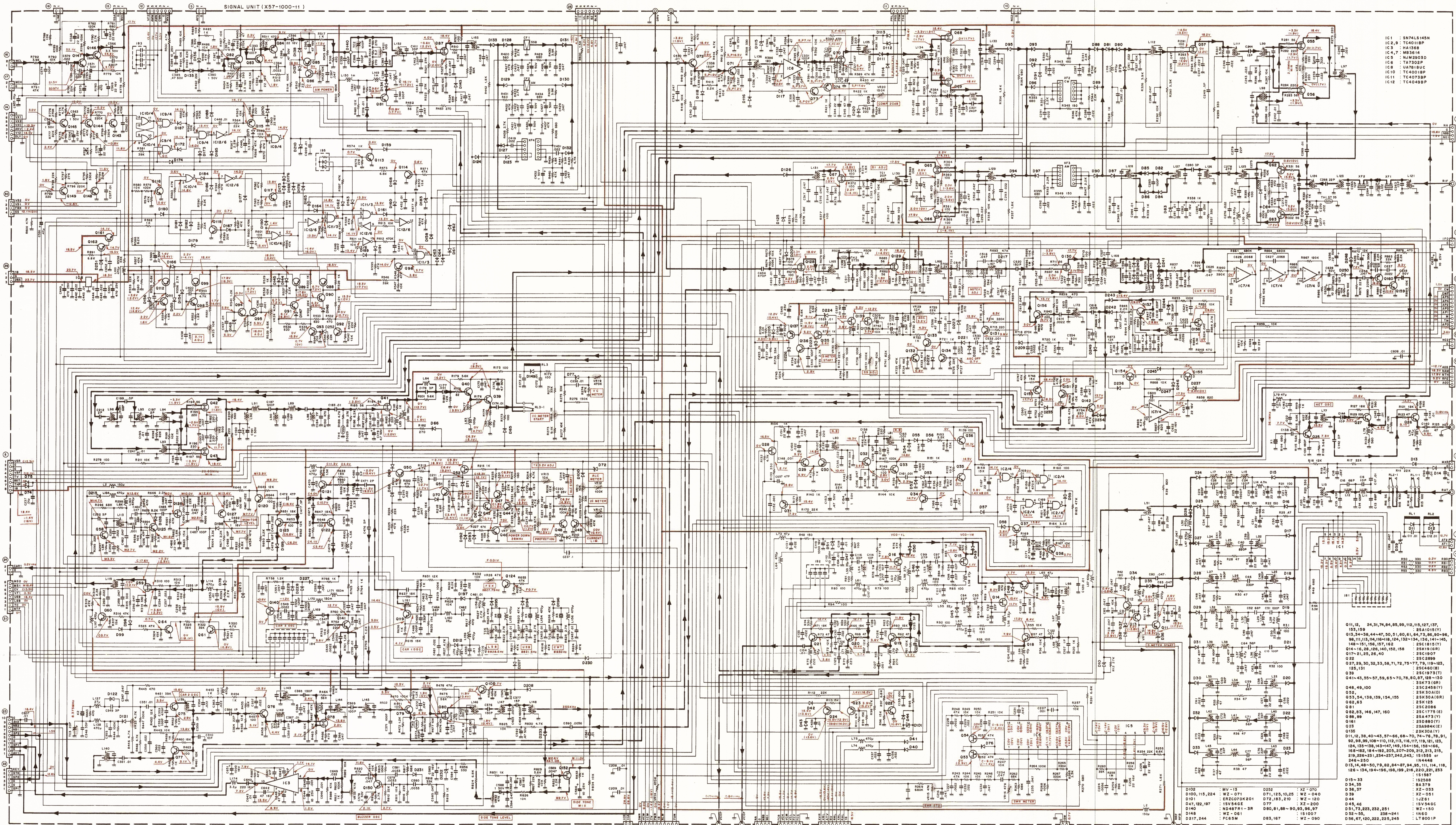
**TS-930S SIGNAL UNIT (X57-1000-11)**

From S/N208XXXX-309XXXX

— Signal Line — Control Line — Common DC Line

The voltages measured when receiving 14.175MHz, SSB MODE, RF GAIN : MAX. ( ) : in TX.  
C : CW MODE, 100W OUTPUT, F : FSK MODE, M : MONITOR ON, T : TUNE MODE, S, P : SSB MODE, PROCESSOR ON

SIGNAL UNIT (X57-1000-11)



- IC1 : SNT4LS45H
- IC2 : TC4011BP
- IC3 : HA1555P
- IC4 : M32614
- IC5 : NJM2903D
- IC6 : TAT300P
- IC7 : NJM2903D
- IC8 : UA7818UC
- IC9 : TC4001BP
- IC10 : TC4078BP
- IC11 : TC4078BP
- IC12 : TC4001BP

No.	Name	Color	Destination
1	AT1	YEL	SW (M)
2	VCH	RED	PLL unit ①
1	MKR	GRY	PLL unit ②
2	G	—	PLL unit ③
1	PL5	GRN	PLL unit ④
2	AT4	BLU	PLL unit ⑤
3	ABO	—	PLL unit ⑥
1	RB3	YEL	Digital unit ①
2	AT2	BLU	Digital unit ②
3	RB1	WHT/VIO	Digital unit ③
4	RB0	WHT/BLU	Digital unit ④
1	VSR	ORG	LFP unit ①
2	G	—	LFP unit ②
4	VSF	RED	LFP unit ③
5	TV	GRN	LFP unit ④
6	BST	ORG	LFP unit ⑤
7	THP	YEL	LFP unit ⑥
8	18	RED	Final unit ①

No.	Name	Color	Destination
1	FCB	BRN	PLL unit ①
2	VCH	RED	PLL unit ②
3	VCM	ORG	PLL unit ③
4	VCL	YEL	PLL unit ④
5	FCV	RED	PLL unit ⑤
6	FCG	—	PLL unit ⑥
1	NA	GRY	Signal unit 2①
2	G	—	Signal unit 2②
3	NBB	GRY	Signal unit 2③
4	NG1	—	Signal unit 2④
1	G	—	AT unit ①
2	ISW	BLU	AT unit ②
1	ICA	BRN	Power supply unit ①
2	ICB	WHT	Power supply unit ②
1	NG2	YEL	Signal unit 2⑤
1	FSK	WHT	SW (A) MODE SW S10-1
2	PRM	BRN	SW (E) METER SW
3	PRS	ORG	SW (C) SW (I)
4	PRL	YEL	SW (D) VR1-2

No.	Name	Color	Destination
1	MV2	BLU	SW (C) PRO SW SB
1	G	—	LINE IN jack
1	AG0	VIO	SW (E)
2	RFG	YEL	SW (F)
4	NAM	WHT	SW (E)
5	AGS	GRY	SW (E)
1	G	—	IF OUT terminal
1	AM	VIO	SW (A)
2	G	—	SW (A)
3	CWP	WHT	SW (A)
4	AP5	BRN	SW (N)
5	AP4	RED	SW (A)
6	AP2	ORG	SW (A)
7	AP3	GRN	SW (A)
8	AP1	YEL	SW (A)
9	M	BLU	METER SW (E)
10	TM	WHT/BRN	SW (E)
11	AP0	WHT/RED	SW (N)

No.	Name	Color	Destination
1	SP1	RED	LINE OUT terminal
2	G	—	EXT. SP jack
4	SP2	ORG	KEY jack
5	STK	VIO	KEY jack
6	KEY	GRY	KEY jack
1	AV1	RED	PHONE jack
2	G	—	PHONE jack
3	SP1	ORG	PHONE jack
4	G	—	PHONE jack
5	G	—	PHONE jack
6	SP2	YEL	PHONE jack
7	NB1	GRN	SW (M) NB2 SW
8	NB2	BLU	SW (F)
9	AV2	BLU	SW (F)
10	G	—	SW (F)
1	CA2	GRY	PLL unit ⑧
2	NG2	YEL	Signal unit 1①
3	28A	YEL	R1 - R3 27Ω 2W

No.	Name	Color	Destination
1	BLK	GRN	Digital unit 2
2	B2	BLU	Digital unit 2
3	TR	VIO	Digital unit 2
4	UL	GRY	Digital unit 2
5	C	WHT	Digital unit 2
6	DST	BRN	Digital unit 2
1	NA	GRY	Signal unit 7
2	G	—	Signal unit 7
3	NBB	GRY	Signal unit 7
4	G	—	Signal unit 7
1	18	—	REMOTE socket
2	RAL	WHT	X. VTER socket
3	XAL	BRN	REMOTE socket
4	RRL	VIO	REMOTE socket
5	RV	ORG	SW (H)
6	ATV	YEL	SW (H)
7	XGL	GRN	X. VTER socket
8	XVR	BLU	X. VTER socket
1	18	—	SW (E)
2	G	—	SW (E)
3	28A	YEL	R1 - R3 27Ω 2W

No.	Name	Color	Destination
1	V82	YEL	SW (I) VOX/MAN SW S2
2	V81	GRN	SW (I) VOX/MAN SW S2
3	F8K	BLU	SW (I) FULL/SEMI SW S3
4	SS	VIO	SW (C) STBY SW S6
1	NTF	WHT	SW (A)
2	TCB	GRY	SW (A)
3	LSB	VIO	SW (A)
4	USB	BLU	SW (A)
5	VF1	GRN	SW (A) MODE SW S10-5
6	CV	GRY	SW (D) VR2-2
7	MS1	ORG	SW (I) MONI SW S4
8	MS2	BRN	SW (I) MONI SW S4
1	TUN	BRN	SW (A) MODE SW S10-1
2	RV	GRN	SW (A) MODE SW S10-4
3	AM	ORG	SW (A) MODE SW S10-1
4	ALM	YEL	SW (E)
5	18	RED	SW (A) MODE SW S10-3
6	PWR	BLU	SW (E)
7	TV	VIO	SW (A) MODE SW S10-2
8	ICM	GRY	SW (E)
9	VCM	WHT	SW (E)
10	SWR	BRN/WHT	SW (E)

Terminal name	Color	Destination
VCOF	BLK	PLL unit "VCO"
VCOF	GRY	RF unit "VCOF"
RFO (FRO)	GRY	RF unit "RFO"
RAT	GRY	X. VTER jack SW
HET	BLK	PLL unit "HET"
RIF	GRY	RF unit "RIF"
XVT	GRY	X. VTER jack
DRV	GRY	Final unit "INV"