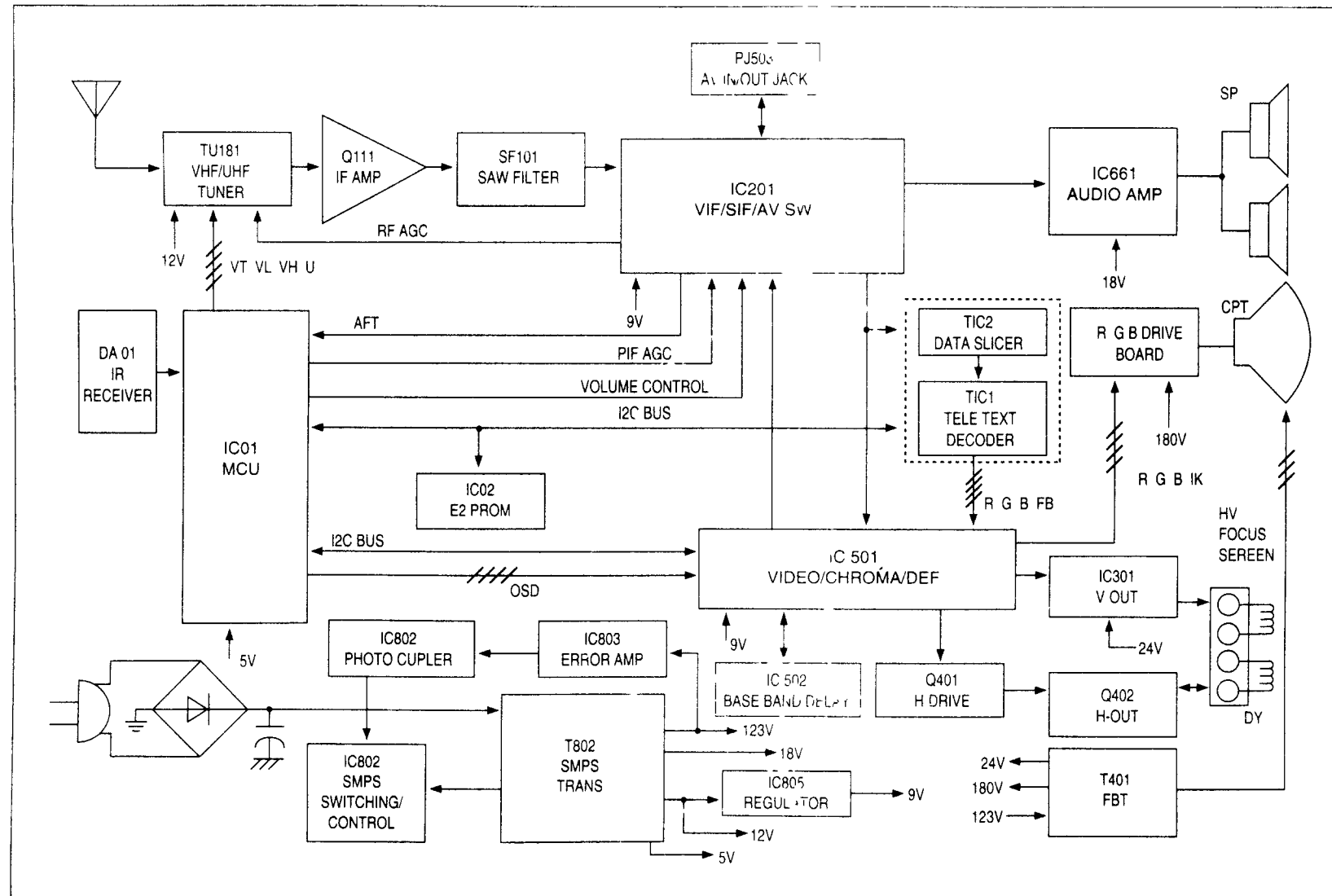


20	TEXT IC RESET Output
21	SVC OUT
22	Power control (H ON)
23	GND
24	Oscillator input
25	Oscillator output
26	GND
27	+5V
28	OSD clock output
29	OSD clock input
30	RESET input
31	Band Option input
32	

52	OSD R
----	-------



✓ R920	R CARBON FILM	1/5W 270 ohm
✓ R921	R CARBON FILM	1/5W 100 ohm
✓ R922	R CARBON FILM	1/5W 1 K ohm
✓ R923	R CARBON FILM	1/5W 12K ohm
✓ R925	R CARBON FILM	1/5W 1 K ohm.
SH-101	SAW FILTER	K2959M
SW301	LEVELS' TCH	RSH-1252130
T401	F B T	DNF-D62000A
T402	H-DRIE TRANS	HD-1034G
T901	LINE FILTER	LF-303

Power supply (+B1)

Vertical trigger input

Timer constant

Vertical height control

50/60Hz Vertical size control signal input

Lamp waveform generation

AC/DC feedback input to vertical output section

Power supply (+B8)

Pump-up output

Osc blocking

GND

Vertical output

Power supply for vertical output

Vert Trig Input

One Shot Mult

Vert Size Control SW

Lamp Generator

Vert Drive

Pumpup

Vert out

Thermal protection

LOCATION	ITEM	DESCRIPTION
S001	TACT S/W	DHT-1105TA
S002	TACT S/W	DHT-1105TA
S003	TACT S/W	DHT 1105TA
S004	TACT S/W	DHT-1105TA
S006	TACT S/W	DHT-1105TA
	TACT S/W	DHT-1105TA

[illegible]

The diagram shows the internal and external connections of the STV2118A. Internal components include a FILTER TUNING TRAP BANDPASS, a DELAY LINE, a MATRIX SATURATION SWITCHES, a Control block, and a BLANKING AUTO CUTOFF BACK & WHITE block. External connections include FILTER CLOCHE TUNING (pins 8, 9), Voci and Vocx (pins 22, 42), R-Y and B-Y (pins 33, 38), EXTERNAL signals (pins 19, 18, 17, 16, 15, 14, 13, 12) for FB, R, G, B, and OSD signals (pins 13, 14, 15, 16, 17, 18, 19) for FB, R, G, B. The output section shows connections for CB (pin 24), CR (pin 25), CG (pin 26), and KCAT (pin 27) to the STV2118A, and R (pin 28), G (pin 29), and B (pin 30) to the BLANKING AUTO CUTOFF BACK & WHITE block. The input section shows VCVS (pin 20) to the FILTER TUNING TRAP BANDPASS.

R821	R CARBON FILM	1/6W 10K ohm J
R920	R CARBON FILM	1/6W 270 ohm J
R921	R CARBON FILM	1/6W 100 ohm J
R922	R CARBON FILM	1/6W 1.8K ohm J
R923	R CARBON FILM	1/6W 12K ohm J
R925	R CARBON FILM	1/6W 1K ohm J
SH-101	SAW FILTER	K2959M
SW901	LEVEL S' TCH	RSH-1252130
T401	F B T	DNF-FD2000A
T402	H-DRIVE TRANS	HD-1034G
T801	LINE FILTER	LF-303
T802	SMP'S TRANS	TSM 703
TH801	THERMISTOR	270V 180m(BOX TYPE)
TU181	TUNER	TUGZ1-C64A
V901	CPT SOCKET	ISM-01S
X001	CRYSTAL	4.0MHz
X501	CRYSTAL	3.579545MHz
X502	CRYSTAL	4.433619MHz
Z201	CERAMIC FILTER	TPS 5.5MB
Z202	CERAMIC FILTER	TPS 6.0MB
Z203	CERAMIC FILTER	TPS6 5MB
Z401	RFSONATOR	CSB5031F21
Z501	CERAMIC FILTER	SFE5 5MB
Z502	CERAMIC FILTER	SFE6 0MB
Z60	CERAMIC FILTER	SFE 6.5MB
ZD80	DIODE ZENER	UZ 12BM
ZD802	DIODE ZENER	UZ 7.5BM
ZD803	DIODE ZENER	UZ 9.1BM
ZD805	DIODE ZENER	UZ 12BM
ZD901	DIODE ZENER	1W UZ 8.2BM
T 01	C CER	F 50V 10000pF Z
C02	C ELECTRO	16V 47uF RS
TC03	C CER	F 50V 1000uF Z
T 04	C ELECTRO	16V 100uF RS
TC06	C CER	B 50V 1000pF K
T 07	C ELECTRO	16V 47uF RS
TC09	C CER	SL 50V 47pF J
TC10	C ELECTRO	50V 0.47uF RS
TC11	C CER	B 50V 220pF K
TC12	C CER	F 50V 10000pF Z
TC13	C CER	SL 50V 15pF J
TC14	C CER	SL 50V 15pF J
TC15	C CER	B 50V 220pF K
TC16	C CER	F 50V 10000pF Z
TC21	C ELECTRO	16V 100uF RS
TD11	DIODE	IN 4148
TD12	DIODE	IN 4148
TD13	DIODE	IN 4148
TD14	DIODE	N 4148
TD16	DIODE	SIN 4148
TIC01	CHRACTOR I C	CF 702000
TIC02	DATA SLICER I C	CF72306
TIC04	I C	KIA78L05
TL01	COIL PEACKING	12uH J
TL02	COIL PEACKING	12uH J
TO03	T R	KIA1266-Y/STA933
TR07	R CARBON FILM	1/6W 51K ohm J
TR13	R CARBON FILM	1/6W 6.8K ohm J
TR15	R CARBON FILM	1/6W 10K ohm J
TR16	R CARBON FILM	1/6W 10K ohm J
TR16	R CARBON FILM	1/6W 1K ohm J
TR19	R CARBON FILM	1/6W 150K ohm J
TR20	R CARBON FILM	1/6W 7.5K ohm J
TR25	R CARBON FILM	1/6W 100 ohm J
TR26	R CARBON FILM	1/6W 100 ohm J
TX01	CRYSTAL	13.875MHz

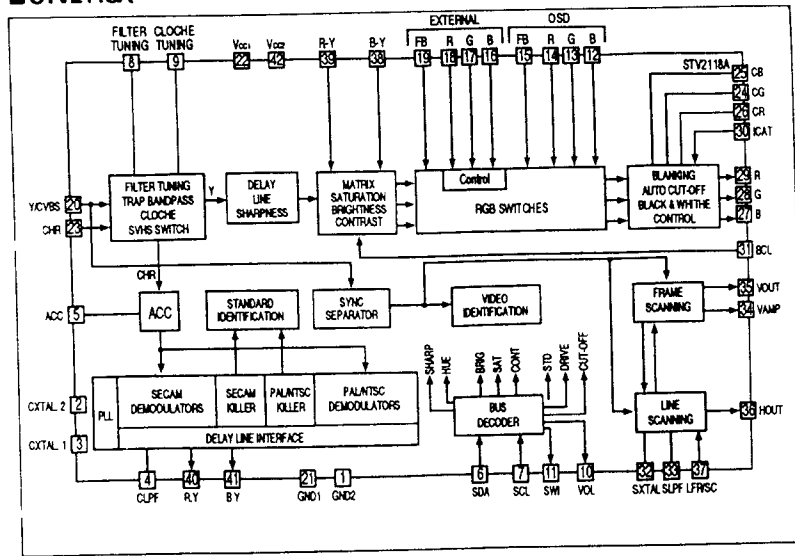
LOCATION	ITEM	DESCRIPTION
S001	TACT S/W	DHT-1105TA
S002	TACT S/W	DHT-1105TA
S003	TACT S/W	DHT-1105TA
S004	TACT S/W	DHT-1105TA
S005	TACT S/W	DHT-1105TA
S006	TACT S/W	DHT-1105TA
S007	TACT S/W	DHT-1105TA
LED01	DIODE(LED)	DL 1LRN(RED)
R001	R CARBON FILM	1/6W 10 ohm J
I603	PREAMP I C	RC-38S
P102A	WIRE ASS'Y	9P 250m/m
P104A	WIRE ASS'Y	3P 250m/m
P105A	WIRE ASS'Y	2P 400m/m
P12	WAFER CONN	9PIN
602	CONTROL P C B	DY21(40 X 197)
LED01A	LED HOLDER	T3 3 X 2.4 X 5
J004, J005, J001, J002	JUMPER	7.5m/m

### ■ BUTTON TYPE WITH MAIN POWER (DCT-8210S)

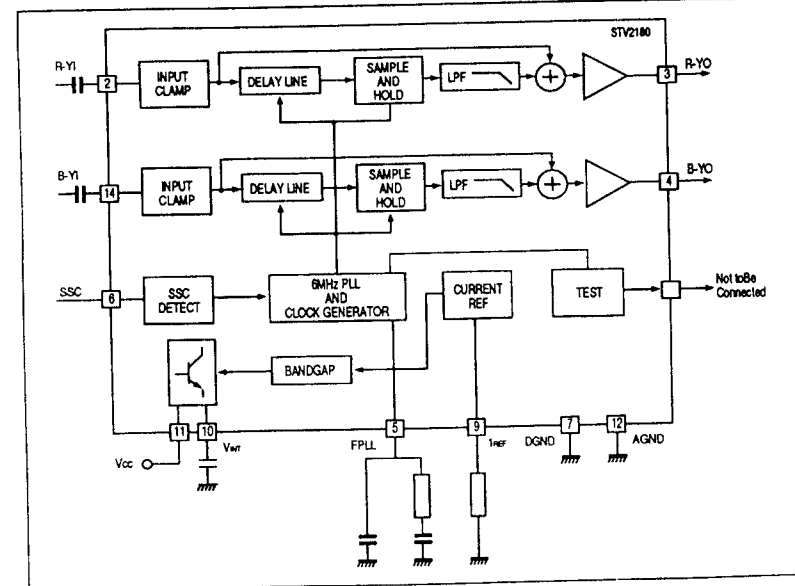
LOCATION	ITEM	DESCRIPTION
S001	TACT S/W	DHT-1105TA
602	CONTROL P C B	DY 21M (40X162)
SW801	POWER S/W	70063-200

### ■ DOOR TYPE (DCT-8215S)

LOCATION	ITEM	DESCRIPTION
603	PREAMP PCB	DY-21D
I603	PREAMP I C	RC-38S
P104A	WIRE ASS'Y	3P 250m/m
P105A	WIRE ASS'Y	2P 400m/m
LED01	DIODE(LED)	DL-1LRN(RED)
LED01A	LED HOLDER	T3 3 X 2.4 X 5
SW801	POWER S/W	70063-200
SW08	TACT S/W	JTM1105E-40310B9P



### ■ STV2180



# DY-300,321,350

