

## 1200BT FUNCTION REPORT

DC Voltages and Current into Final Amplifier

FINAL AMPLIFIER ONLY

3V BATTERY

Vce= 4.2V

Ice= 9mA

Function of each electron semiconductor

device or other circuit device    MAIN BOARD

<u>DESIGNATION</u>	<u>TYPE NO</u>	<u>IC · DIODE</u>	<u>FUNCTION</u>
IC1	NJM2100M	IC(OP.AMP)	MIC AF AMP
	NJM2100M(2/2)	IC(OP.AMP)	PRE EMPHASIS
IC101	THAT4320	IC	COMPRESSOR
IC8	MB15E03LPFV	IC	PLL FREQUENCY SYNTHESIZER LSI
IC201	XC6371B501PR	IC	DC-DC CONVERTERS IC
IC9	NJU7201U30	IC	VOLTAGE REGULATOR
IC7	NJM2100M	IC	AF LEVEL DRIVE
Q101	2SC4116BL	TRANSISTOR	LOW PASS FILTER
Q1	DTC114TUA	TRANSISTOR	AF MUTE
Q2	DTA143ZUA	TRANSISTOR	AF MUTE
Q5	DTC124EUA	TRANSISTOR	PLL LD
Q6	DTA143ZUA	TRANSISTOR	VCO PWR CONTROL
Q7	DTA143ZUA	TRANSISTOR	RF POWER CONTROL
Q8	2SC4227	TRANSISTOR	RF AMP
Q9	2SC4227	TRANSISTOR	RF AMP
Q11	2SC4116BL	TRANSISTOR	RIPPLE FILTER
Q12	2SC4227	TRANSISTOR	R.F.POWER AMP
Q3	2SB956S	TRANSISTOR	POWER SWITCH

Q4	2SD1819R	TRANSISTOR	POWER SWITCH
Q201	2SD1328T	TRANSISTOR	DC/DC CONVERTERS DRIVE
D1	MA111	DIODE	REVERSE BLOCK
D2	DA204U	DIODE	LIMITTER
D3	MA111	DIODE	REVERSE BLOCK
D4	MA111	DIODE	REVERSE BLOCK
D5	DA204U	DIODE	LOW PASS FILTER
D6	MA111	DIODE	LIMITTER
D7	MA111	DIODE	LIMITTER
D8	MA111	DIODE	REVERSE BLOCK
D10	DA204U	DIODE	LIMITTER
D11	DA204U	DIODE	LIMITTER
D201	MA721	DIODE	Rectification
IC2	SV326	VCO	

#### CONTROL(LCD)

IC2	PST597D	IC	RESET
IC4	M93C46	IC	MEMORY
IC5	UPD78F9418A	IC	CPU
D2	RB715F	DIODE	REVERSE BLOCK