

VHF/FM RADIO TELEPHONE JHS-500

List of RF Circuit Components:

Part No.	Name	Characteristics	Vendor
D102	M1809	RF Switching PIN Diode 10W, SMT	MITSUBISHI
D201	M1809	RF Switching PIN Diode 10W, SMT	MITSUBISHI
D202	1SS383(TE85L)	Schottky Barrier Diode Dual	TOSHIBA
D203	1SS371 (TPH3)	Band Switch Diode	TOSHIBA
D301	1SV281 (TPH3)	Varactor Diode, $r_s=.28$, $c_{1v}/c_{4v}=2.0$	TOSHIBA
D302	1SV281 (TPH3)	Varactor Diode, $r_s=.28$, $c_{1v}/c_{4v}=2.0$	TOSHIBA
D303	1SV214 (TPH3)	Diode 1SV214	TOSHIBA
D401	DAP202KT	Switching Diode 1.2V@100mA SMD3	ROHM
D402	U2FWJ44N(TE12R)	Schottky Barrier Diode .37V@2A, I-FLAT	TOSHIBA
D403	02CZ13Y(TE85R)	Zener Diode 13V	TOSHIBA
D404	DAP202KT	Switching Diode 1.2V@100mA SMD3	ROHM
Q101	2SC5086-Y(TE85L)	RE Transistor LNA	TOSHIBA
Q102	GN2012	MMIC Mixer Dual gate	MATSUSHITA
Q201	2SC5086-Y(TE85L)	RF Transistor LNA	TOSHIBA
Q202	2SC3357T	RF TR Power mini mold	NEC
Q203	2SB1184TLR	General Mid. Tr,3A, 15W	ROHM
Q204	2SC4116-GR(TE85L)	General Transistor	TOSHIBA
Q205	2SC4116-GR(TE85L)	General Transistor	TOSHIBA
Q206	DTC114EE	Digital Transistor 50mA (10K 10K)	ROHM
Q207	DTC114EE	Digital Transistor 50mA (10K 10K)	ROHM
Q209	DTA114EE	Digital Transistor 50mA (10K 10K)	ROHM
Q210	DTC114EE	Digital Transistor 50mA (10K 10K)	ROHM
Q301	2SK508-T1B	FET for VCO	NEC
Q302	2SK508-T1B	FET for VCO	NEC
Q303	2SC5086-Y(TE85L)	RF Transistor LNA	TOSHIBA
Q304	2SC4116-GR(TE85L)	General Transistor	TOSHIBA
Q305	2SC5086-Y(TE85L)	RF Transistor LNA	TOSHIBA
Q401	2SD2396	General Mid. Tr, 3A T0-220 LEAD	ROHM
Q402	FMC1A	Digital TR Power management 100mA	ROHM
Q403	FMC1A	Digital TR Power management 100mA	ROHM
Q406	DTC114EE	Digital Transistor 50mA (10k 10k)	ROHM

Part No.	Name	Characteristics	Vendor
Q407	FMC1A	Digital TR Power management 100mA	ROHM
Q408	DTC114EE	Digital Transistor 50mA (10k 10k)	ROHM
Q409	DTC114EE	Digital Transistor 50mA (10k 10k)	ROHM
Q410	DTA114EE	Digital Transistor 50mA (10k 10k)	ROHM
Q411	DTA114EE	Digital Transistor 50mA (10k 10k)	ROHM
Q412	2SK209-BL	J-FET SSM	TOSHIBA
Q413	DTC1314TU	Digital Transistor 50mA (10k)	ROHM
U101	TA31137FN(EL)	IF IC (.65 SSOP)	TOSHIBA
U102	NJM2100M	OP AMP DMP8=SOP8(6.8)	JRC
U201	S-AV6	PA Module 25W	TOSHIBA
U301	TB31202FN(ER)	Synthesizer IC dual	TOSHIBA
U401	NJM062M	OP AMP	JRC
U402	NJM2100M	OP AMP DMP8=SOP8(6.8)	JRC
U403	BA5417	Audio PA stereo 5W 12V 3ohm HSIP-15	ROHM
U404	TA7805F(TE16L)	Series Regulator 5V 1A 2V	TOSHIBA
U405	TLP181-GR	OPTO ISOLATOR	TOSHIBA

List of Logic Circuit Components :

Part No.	Name	Characteristics	Vendor
D501	AY1101F-TR	CHIP LED Side View	STANLEY
D502	AY1101F-TR	CHIP LED Side View	STANLEY
D503	AY1101F-TR	CHIP LED Side View	STANLEY
D504	AY1101F-TR	CHIP LED Side View	STANLEY
D505	DA227	Switching Diode 80V@100mA	ROHM
D506	AY1101W-TR	CHIP LED Top View	STANLEY
D507	AY1101W-TR	CHIP LED Top View	STANLEY
D508	AY1101W-TR	CHIP LED Top View	STANLEY
D509	AY1101W-TR	CHIP LED Top View	STANLEY
D510	AY1101W-TR	CHIP LED Top View	STANLEY
Q501	2SC4116-GR(TE85L)	General Transistor	TOSHIBA
Q503	2SK2035(TE85R)	S-MOS FET SSM	TOSHIBA
Q504	DTC114EE	Digital Transistor 50mA (10k 10k)	ROHM
Q505	DTC1314TU	Digital Transistor 50mA (10k)	ROHM
Q506	DTC114EE	Digital Transistor 50mA (10k 10k)	ROHM
Q507	DTC114EE	Digital Transistor 50mA (10k 10k)	ROHM
Q508	2SC4116-GR(TE85L)	General Transistor	TOSHIBA
Q509	2SC4116-GR(TE85L)	General Transistor	TOSHIBA
U501	NJM2211M	FSK-Demodulater	JRC
U502	TC7W53FU	Dual Multiplexer	TOSHIBA
U503	BA1604F-E2	PLL Tone Decoder	ROHM
U504	TC3W03FU	Counter / Oscillator	TOSHIBA
U505	TC7W53FU	Dual Multiplexer	TOSHIBA
U506	TC7W53FU	Dual Multiplexer	TOSHIBA
U508	M38257E8GP	CPU QFP 0.5 100pin	MITSUBIIHI
U509	BR93LC56FV	EEPRM2k bit	ROHM
U510	RN5VL45C	Voltage Detector 4.5V	RICOH