

VX-537-4-5

Component Applications

Address	Device name	Description	Application
[RF-UNIT]			
D1001	Diode	HVU131	ANT SW
D1002	Zener Diode	PTZ 15A	Protector
D1003	Diode	MA2S111	TX/RX SW
D1004	Diode	HVU131	ANT SW
D1005	Dual Diode	RB715F	Power DET
D1006	Diode	MA2S111	Protector
D1007	Zener Diode	UDZS 3.9B	Protector
D1008	Varactor Diode	HVC350B	RX TUNE
D1009	Varactor Diode	HVC350B	RX TUNE
D1010	Varactor Diode	HVC350B	RX TUNE
D1011	Varactor Diode	HVC350B	RX TUNE
D1012	Varactor Diode	HVC350B	RX TUNE
D1013	Varactor Diode	HVC350B	RX TUNE
D1014	Dual Diode	MA132WK	TX/RX SW
D1015	Varactor Diode	HVC350B	MOD
D1017	Diode	MA2S111	Protector
D1018	Varactor Diode	HVC350B	TX VCO Freq Cont
D1019	Varactor Diode	HVC350B	TX VCO Freq Cont
D1020	Varactor Diode	HVC350B	RX VCO Freq Cont
D1021	Varactor Diode	HVC350B	RX VCO Freq Cont
D1022	Varactor Diode	HVC350B	RX VCO Freq Cont
D1023	Varactor Diode	HVC350B	RX VCO Freq Cont
D1024	Dual Diode	MA132WK	WIDE/NARROW SW
D1025	Dual Diode	DA221	NOISE DET
D1026	Dual Diode	MA132WK	WIDE/NARROW SW
D1027	Dual Diode	DA221	WIDE/NARROW SW
D1028	Diode	MA2S111	Protector
D1029	Dual Diode	DA221	LIMITTER
Q1001	Dual Transister	XP1501	TX5V AVR
Q1002	Transister	CPH6102	TX5V AVR
Q1003	Dual Transister	UMG2N	TX/RX SW
Q1004	IC	NJM2871AF05	5V AVR
Q1005	IC	BIC702M	RF AMP
Q1006	Transister	UN911F	RX 5V SW
Q1007	Hybird RF Module	RA07M4452M	PA
Q1008	Transister	UN911F	SAVE SW
Q1009	Transister	DTC144EE	TRX SW
Q1010	Transister	DTC114TE	TRX SW
Q1011	Transister	DTC144EE	PO OFF SW
Q1012	Transister	2SC5226-4	Buff AMP
Q1013	Transister	2SC3356-R25	Pre DRIVE
Q1014	Transister	DTC114TE	Buff AMP SW
Q1015	Transister	DTC144EE	Buff AMP SW
Q1016	Transister	2SC5226-4	Buff AMP
Q1017	Transister	2SC5226-4	Buff
Q1018	Dual OP-AMP	NJM12904R	APC/RX TUNE
Q1019	Transister	DTC144EE	RX VCO SW
Q1020	Transister	DTC114TE	TX VCO SW
Q1021	FET	2SK508-K52	RX VCO
Q1022	Transister	2SC4227-R34	TX VCO
Q1023	IC	TA31136FN	FM Sub-System IC
Q1024	Transister	2SC4617 R	2nd LOCAL OSC
Q1025	IC	SA7025DK	PLL IC
Q1026	Transister	2SC4617 R	FILTER AMP
Q1027	Transister	2SC5226-4	IF AMP
Q1028	Transister	2SC4617 R	Ripple Filter
Q1029	OP-AMP	TA75S01F	FREQ ADJ
Q1030	Transister	DTC144EE	WIDE/NARROW SW
Q1031	Transister	DTC144EE	WIDE/NARROW SW
Q1032	FET	SPM5001	MIXER
[CNTL-UNIT]			
D2001	Dual Diode	DA221	Protector
D2002	Dual Diode	DA221	Protector
D2003	Diode	1SS400G	Protector
D2004	Diode	1SS400G	Protector
D2005	Diode	1SS400G	Protector
D2006	Diode	1SS400G	Protector
D2007	Diode	1SS400G	Protector

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D2008	Diode	1SS400G	Protector
D2009	Diode	1SS400G	Protector
D2010	Dual Diode	DA221	Protector
D2011	Dual Diode	DA221	Protector
D2012	Dual Diode	DA221	Protector
D2020	Diode	1SS400G	Protector
D2021	Dual Diode	DA221	RESET
D2022	Zener Diode	HZU4ALL	Protector
D2023	Dual Diode	DA221	LIMITTER
D2024	Diode	1SS400G	Protector
D2026	Dual Diode	DA221	LIMMITTER
D2027	Dual Diode	DA221	TEMP DET
D2029	Diode	1SS400G	Protector
D2030	Diode	1SS400G	Protector
D2031	Diode	1SS400G	Protector
D2032	Diode	1SS400G	Protector
D2034	Dual LED	CL-165HR/YG-D-T	TX/RX LED
Q2003	Transister	2SA1767 Q	LAMP DRIVER
Q2004	IC	TDA2822D	EXT AF AMP
Q2005	Transister	CPH6102	AF AMP SW
Q2006	Dual Transister	UMG2N	TRX LED SW
Q2007	Transister	DTC114TE	LAMP SW
Q2009	IC	TDA2822D	INT AF AMP
Q2010	Dual Transister	XN1501	3.5V AVR
Q2011	Transister	2SA1774 R	CURRENT SENS
Q2012	Transister	CPH6102	3.5V AVR
Q2013	Dual Transister	UMC5N	AF AMP SEL
Q2014	IC	S-80735SN-DZ	RESET
Q2015	Transister	DTC144EE	AF AMP SEL
Q2016	Dual Transister	UMC5N	AF AMP SEL
Q2017	IC	M62364FP_600D	D/A Converter
Q2018	Transister	DTC144EE	3.5V REG SW
Q2019	IC	NJM2871AF35	3.5V AVR
Q2020	Transister	2SC4617 R	RESET
Q2021	Transister	2SC4617 R	Clock Shift
Q2022	Transister	DTC144EE	NARROW ATT SW
Q2023	IC	AK2345	AUDIO PROSSESOR
Q2024	IC	S-93C56AMFN	EEPROM
Q2025	IC	LC87F74C8A-TQFP	Main Microprocessor
Q2026	IC	BU2090FS-E1	BEEP CNTL/PORT CNTL
Q2027	Transister	UN911F	WIDE/NARROW SW
Q2028	Transister	UN911F	LAMP SW
Q2029	Dual OP-AMP	NJM12904R	AF AMP
Q2030	Quadruple OP-AMP	NJM2902V	MIC AMP/AF FILTER
Q2031	Quadruple OP-AMP	NJM2902V	CTCSS DEC2
Q2032	Transister	2SA1602A-1F	AUDIO MUTE
Q2033	Transister	DTC114TE	AUDIO MUTE
Q2034	Transister	DTA114EE	MIC SELECT SW
Q2035	Transister	DTA124EE	NC MIC SW
Q2036	IC	TC4W53FU	MIC SELECT SW
[VR-UNIT]			
D5001	LED	CL-190TD-CD	LCD LAMP
D5002	LED	CL-190TD-CD	LCD LAMP
[INTERFACE-UNIT]			
D6001	Dual Diode	DAP222	Mic Mute Cntl
Q6001	Transister	DTC144EE	MDS-1200 ANI SW
Q6002	Transister	DTC144EE	MDS-1200 PTT SW
[KEY-UNIT]			
D6001	Diode	1SS400G	Protector
D6002	Diode	LNJ808K8SRA	KEY LAMP
D6003	Diode	LNJ808K8SRA	KEY LAMP
D6004	Diode	LNJ808K8SRA	KEY LAMP
D6005	Diode	LNJ808K8SRA	KEY LAMP
Q6001	Transister	PDTC114TE	LAMP SW