

VX-4101-0-10/VX-4201-0-10

Component Applications

Address	Device name	Description	Application
[RF-UNIT]			
Q 1001	Transister	DTC114TE	DTMF DEC INPUT SW
Q 1002	Transister	2SC5226-4/5	TX Buff AMP
Q 1004	IC	NJM7808DL1A	8V Regurator
Q 1005	IC	TDA1519CTH	AF Power AMP
Q 1006	FET	RTQ030P02	DC SW
Q 1007	Transister	DTA144EE	DC SW
Q 1008	Dual Transister	XP1501	TX8V DC SW
Q 1009	Transister	DTC144EE	AF AMP MUTE SW
Q 1010	Transister	CPH6102	TX8V DC SW
Q 1011	Transister	DTC114TE	DC SW
Q 1012	Transister	DTC144EE	IGN SENS DC SW
Q 1013	Dual Transister	UMG2N	TRX SW
Q 1014	IC	NJU4053BV	FRONT/EXT MIC SW/Normal/Flat SW/ADJ AF/DTMF SW
Q 1015	FET	RTQ030P02	DC SW
Q 1016	IC	NJU4053BV	Pre-Emphasis SW/EXT AF OUT Normal/Flat Select SW/PA SW
Q 1017	Transister	UN911F	RX5V DC SW
Q 1018	Transister	DTC144EE	TX8V Protection
Q 1019	Transister	DTC114TE	RX5V Protection
Q 1020	Transister	2SA1774	Q1022 Bias
Q 1021	IC	LA8630M	Compand/Expand IC
Q 1022	Transister	2SC3357	RF AMP
Q 1023	Transister	DTC144EE	DC SW
Q 1024	Transister	DTC144EE	Compand/Expand ON/OFF SW
Q 1025	Transister	2SC4617	HOOK/FLASH Write Select SW
Q 1026	Transister	2SC4617	C DATA/FLASH Write Select SW
Q 1027	Transister	2SC4617	PTT/FLASH Write Select SW
Q 1028	FET	RA13H1317M	TX Power Amp
Q 1029	IC	M62364FP	D/A
Q 1030	Transister	DTC144EE	CLONE SW
Q 1031	Transister	DTA124EE	CLONE SW
Q 1032	Transister	DTC144EE	RX Emphasis SW
Q 1033	Transister	DTC144EE	Power OFF SW
Q 1034	IC	BD6111FV	-5V Regurator
Q 1035	IC	SPM5001	Mixer IC
Q 1036	IC	NJM2125F	-VCV Control
Q 1037	IC	AK2345	Base Band IC
Q 1038	Transister	2SC5226-4	VCO Buff AMP
Q 1039	Dual Transister	UMC5N	RX VCO SW
Q 1044	Transister	2SA1774	Ripple Filter
Q 1045	Transister	DTC114TE	Clock Shift
Q 1046	Transister	2SC3357-T2 RF	IF AMP
Q 1047	Transister	DTC144EE	VCO Buff AMP SW
Q 1049	Transister	2SC5226-4	VCO Buff AMP
Q 1051	Transister	DTC144EE	Revers Tone SW
Q 1053	Transister	DTC144EE	RX VCO SW
Q 1054	FET	2SK508	RX VCO OSC
Q 1055	Transister	DTC144EE	Buff AMP SW
Q 1056	Transister	DTC114TE	TX VCO SW
Q 1057	Transister	2SC5226-4	Buff AMP
Q 1058	Transister	2SC3356	TX VCO OSC
Q 1059	Transister	2SC5226-4	IF AMP
Q 1060	IC	TK71735SCL	3.5V Regurator
Q 1061	Dual Transister	XN1501	CONT5V AVR
Q 1062	Transister	2SB1201S	CONT5V AVR
Q 1063	IC	BU4066BCFV	OPTION SW/DTMF DEC INPUT SW/De-emphasis SW
Q 1064	IC	LC73881M	DTMF DEC IC
Q 1065	IC	S-80835CNMC-B8U	RESET IC
Q 1066	Quadruple OP-AMP	NJM12902V	EXT MIC AMP/WXT AF AMP/EXT RSSI AMP/FRONT MIC AMP
Q 1067	Transister	2SC4617	Ripple Filter
Q 1068	IC	BU4066BCFV	EXT MIC GAIN Select SW/Compand SW/ AF MUTE/De-emphasis
Q 1072	Transister	2SC4617	RESET
Q 1073	Transister	DTC144EE	ACC4 OUTPUT SW
Q 1074	Quadruple OP-AMP	NJM12902V	VCO MOD AMP/REF MOD AMP/RX TUNE DC AMP/BIAS
Q 1075	Transister	DTC114TE	Clock Shift
Q 1076	Quadruple OP-AMP	NJM12902V	5TONE DEC/DCS DEC
Q 1077	Transister	DTC144EE	ACC3 INPUT SW
Q 1078	FET	2SK880GR	VCV Buff AMP
Q 1079	IC	TA31136FN	IF System IC
Q 1080	IC	BR93L66RFVM	EEPROM
Q 1081	Transister	DTC144EE	ACC3 OUTPUT SW
Q 1082	Transister	DTC144EE	ACC2 INPUT SW
Q 1083	IC	LC87F74C8A	CPU
Q 1084	Transister	DTC144EE	ACC2 OUTPUT SW
Q 1085	IC	SA7025DK	PLL IC

VX-4101-0-10/VX-4201-0-10

Component Applications

Address	Device name	Description	Application
Q 1086	Transister	DTC144EE	ACC1 OUTPUT SW
Q 1087	Transister	DTC144EE	ACC1 INPUT SW
Q 1088	Quadruple OP-AMP	NJM12902V	MIC AMP/RX AF buff AMP/Freq Cntl DC AMP
Q 1089	Quadruple OP-AMP	NJM12902V	ReverceTone/DCS/Reverce Tone DEC
Q 1090	Dual OP-AMP	NJM12904V	APC
Q 1091	Transister	2SC4617	SQL Noise AMP
Q 1092	Transister	DTC144EE	W/N SW
Q 1093	Transister	DTC144EE	W/N SW
D 1001	Diode	UM9957F	ANT SW
D 1002	Surge Absorber	P6KE18A	Surge Protector
D 1003	Varactor Diode	1SV279	RX tune
D 1004	Varactor Diode	1SV279	RX tune
D 1006	Diode	UM9957F	ANT SW
D 1007	Diode	1SS400	Surge Protector
D 1008	Varactor Diode	1SV279	RX tune
D 1009	Varactor Diode	1SV279	RX tune
D 1010	Varactor Diode	1SV279	RX tune
D 1011	Diode	1SS400	Surge Protector
D 1012	Varactor Diode	1SV279	RX tune
D 1013	Dual Diode	HSM88AS	APC Voltage Detect
D 1014	Dual Diode	HSM88AS	APC Voltage Detect
D 1015	Diode	1SS400	Surge Protector
D 1016	Diode	1SS400	Reverse Protection
D 1017	Diode	1SS400	Reverse Protection
D 1018	Diode	1SS400	Reverse Protection
D 1020	Diode	1SS400	Reverse Protection
D 1021	Dual Diode	DA221	Protector
D 1022	Dual Diode	DAN222	TX/RX SW
D 1023	Diode	1SS400	Current Steering
D 1024	Dual Diode	DA221	Limiter
D 1029	Dual Diode	DA221	Limiter
D 1030	Varactor Diode	HVC383B	Modulator
D 1031	Diode	1SS400	Reverse Protection
D 1032	Diode	1SS400	Reverse Protection
D 1033	Diode	1SS400	Reverse Protection
D 1034	Dual Diode	DA221	Limiter
D 1035	Varactor Diode	1SV282	RX VCO Freq Cont
D 1036	Varactor Diode	1SV282	RX VCO Freq Cont
D 1037	Varactor Diode	1SV282	RX VCO Freq Cont
D 1038	Dual Diode	DA221	Limiter
D 1039	Varactor Diode	1SV282	RX VCO Freq Cont
D 1040	Diode	1SS400	Current Steering
D 1041	Varactor Diode	HVC383B	TX VCO Freq Cont
D 1042	Varactor Diode	HVC383B	TX VCO Freq Cont
D 1043	Varactor Diode	HVC383B	TX VCO Freq Cont
D 1044	Dual Diode	DA221	RESET
D 1045	Dual Diode	DAN222	MAIN/SUB BAND SW
D 1046	Varactor Diode	HVC383B	TX VCO Freq Cont
D 1047	Zener Diode	UDZS	Surge Protector
D 1048	Dual Diode	DAN222	MAIN/SUB BAND SW
D 1049	Diode	1SS400	Reverse Protection
D 1050	Zener Diode	UDZS	Surge Protector
D 1051	Diode	1SS400	UL DET
D 1052	Dual Diode	DAN222	W/N SW
D 1053	Zener Diode	UDZS	Surge Protector
D 1054	Dual Diode	DAN222	W/N SW
D 1055	Zener Diode	UDZS	Surge Protector
D 1056	Dual Diode	DA221	Surge Protector
D 1057	Dual Diode	DA221	Surge Protector
D 1058	Dual Diode	DA221	Surge Protector
D 1059	Dual Diode	DA221	SQL Noise DET
D 1060	Dual Diode	DA221	Surge Protector
D 1061	Dual Diode	DA221	SQL Noise DET
D 1062	Zener Diode	UDZS	Surge Protector
D 1063	Zener Diode	UDZS	Surge Protector
D 1064	Zener Diode	UDZS	Surge Protector
D 1065	Zener Diode	UDZS	Surge Protector
D 1066	Zener Diode	UDZS	Surge Protector
D 1067	Dual Diode	DA221	Noise Detection
D 1068	Diode	1SS400	Reverse Protection
[FRONT-C-UNIT]			
Q 4001	Transister	DTC144EE	TX LED SW
Q 4002	IC	TC4S66F	Emergency MIC SW
Q 4003	Transister	DTC144EE	BUSY LED SW
Q 4004	IC	BU4094BCFV	PANEL Control

VX-4101-0-10/VX-4201-0-10

Component Applications

Address	Device name	Description	Application
Q 4005	Transister	DTC144EE	P1 Light SW
Q 4006	Transister	DTC144EE	P2 Light SW
Q 4007	Transister	DTC144EE	CH1 Light SW
Q 4008	Transister	DTC144EE	CH2 Light SW
Q 4009	IC	M5278L09M	9V Regurator
Q 4010	Transister	DTC144EE	CH3 Light SW
Q 4011	Transister	DTC144EE	CH4 Light SW
Q 4012	IC	M5278L05M	5V Regurator
Q 4013	Transister	DTC144EE	KEY Back-light SW
Q 4014	Transister	DTC144EE	KEY Back-light SW
D 4001	Diode	1SS400	Protector
D 4002	LED	BRPG1211C	TX/BUSY LED
D 4003	Dual Diode	DA221	Surge Protector
D 4004	Dual Diode	DA221	Surge Protector
D 4005	Dual Diode	DA221	Surge Protector
D 4006	Dual Diode	DA221	Surge Protector
D 4007	LED	TLGU1008A	P1 Light
D 4008	LED	TLGU1008A	CH1 Light
D 4009	LED	TLGU1008A	P2 Light
D 4010	LED	TLGU1008A	CH2 Light
D 4011	LED	TLGU1008A	CH3 Light
D 4012	LED	TLGU1008A	CH4 Light
D 4013	LED	TLOU1008A	KEY Back-light
D 4014	LED	TLOU1008A	KEY Back-light
D 4015	LED	TLOU1008A	KEY Back-light
[FRONT-D-UNIT]			
Q 5001	Transister	DTC144EE	TX LED SW
Q 5002	Transister	XP1501	Dimmer Control
Q 5003	Transister	CPH6102	Dimmer Control
Q 5004	Transister	DTC144EE	BUSY LED SW
Q 5005	Transister	XP1501	LCD Contrast Control
Q 5006	Transister	2SA1602A	LCD Contrast Control
Q 5007	IC	M5278L09M	9V Regurator
Q 5008	IC	NJU6624AFG1-03	LCD Driver
Q 5009	IC	M5278L05M	5V Regurator
Q 5010	IC	TC4S66F	Emergency MIC SW
D 5001	LED	BRPG1211C	TX/BUSY LED
D 5002	Diode	1SS400	Protector
D 5003	LED	TLOU1008A	LCD Back-light
D 5004	LED	TLOU1008A	LCD Back-light
D 5005	LED	TLOU1008A	LCD Back-light
D 5006	LED	TLOU1008A	KEY Back-light
D 5007	LED	TLOU1008A	KEY Back-light
D 5008	LED	TLOU1008A	KEY Back-light
D 5009	Dual Diode	DA221	Surge Protector
D 5010	LED	TLOU1008A	KEY Back-light
D 5011	LED	TLOU1008A	KEY Back-light
D 5012	LED	TLOU1008A	KEY Back-light
D 5013	Diode	1SS400	Reverse Protection
D 5014	Dual Diode	DA221	Surge Protector
D 5015	Diode	1SS400	Reverse Protection
D 5016	Dual Diode	DA221	Surge Protector
D 5017	Dual Diode	DA221	Surge Protector
D 5018	Diode	1SS400	Reverse Protection