

VX-7100-D0-50/VX-7200-D0-50

Component Applications

Address	Device name	Description	Application
<b>[MAIN-UNIT]</b>			
Q 1001	Transistor	DTC114TE TL	DTMF Decode INPUT SW
Q 1002	Transistor	DTC144EE TL	TX VCO SW
Q 1003	IC	2SC3356-T2B R24	TX Buff AMP
Q 1004	IC	NJM7808DL1A(Te1)	8V Regulator
Q 1005	Transistor	DTC144EE TL	XF SW
Q 1006	FET	RTQ030P02	DC SW
Q 1007	Transistor	DTA144EE TL	DC SW
Q 1008	Transistor	DTC144EE TL	XF SW
Q 1009	Transistor	DTC144EE TL	AF AMP MUTE SW
Q 1010	FET	RTQ030P02	TX8V DC SW
Q 1011	Transistor	DTC114TE TL	DC SW
Q 1012	Transistor	DTC144EE TL	IGNITION SENSOR DC SW
Q 1013	Transistor	UMG2N TR	TRX SW
Q 1014	IC	CD4053BPWR	Pre-Emphasis SW/EXT AF OUT Normal/Flat Select SW/PA SW
Q 1015	FET	RTQ030P02	DC SW
Q 1016	IC	CD4053BPWR	FRONT/EXT MIC SW/Normal/Flat SW/ADJ AF/DTMF SW
Q 1017	Transistor	UN911F-(TX)	RX5V DC SW
Q 1018	Transistor	DTC144EE TL	TX8V Protection
Q 1019	Transistor	DTC114TE TL	RX5V Protection
Q 1021	IC	LA8630M-B-TE-R	Compandor IC
Q 1022	Transistor	2SC3356-T2B R25	RF AMP
Q 1023	Transistor	DTC144EE TL	DC SW
Q 1024	Transistor	DTC144EE TL	Compandor ON/OFF SW
Q 1025	Transistor	2SC4617 TL R	HOOK/FLASH Write Select SW
Q 1026	Transistor	2SC4617 TL R	CLONE DATA/FLASH Write Select SW
Q 1027	Transistor	2SC4617 TL R	PTT/FLASH Write Select SW
Q 1028	Power Module	RA45H4452M-01	TX Power AMP
Q 1029	IC	M62364FP 600D	D/A
Q 1030	Transistor	DTC144EE TL	CLONE SW
Q 1031	Transistor	DTA124EE TL	CLONE SW
Q 1032	Transistor	DTC144EE TL	RX Emphasis SW
Q 1033	Transistor	DTC144EE TL	Power OFF SW
Q 1034	IC	BD6111FV-E2	-5V Regulator
Q 1035	IC	SPM5001	Mixer IC
Q 1036	IC	NJM2125F	-VCV Control
Q 1037	IC	AK2345	Base Band IC
Q 1038	Transistor	2SC5226-4-TL	VCO Buff AMP
Q 1039	IC	TDA1519CTH	AF Power AMP
Q 1040	Transistor	DTA124EE TL	AD SW
Q 1041	Transistor	2SC4617 TL R	AMP
Q 1042	Transistor	NJM2904V-TE1	DCS Filter
Q 1044	Transistor	2SA1774 TL R	Ripple Filter
Q 1045	Transistor	DTC114TE TL	MAIN/SUB BAND SW
Q 1046	Transistor	2SC3356-T2B R24	IF AMP
Q 1047	Transistor	DTC144EE TL	TX VCO SW
Q 1049	Transistor	2SC5226-4-TL	VCO Buff AMP
Q 1051	Transistor	DTC144EE TL	Unlock Detector
Q 1053	Transistor	DTC144EE TL	RX VCO SW
Q 1054	Transistor	2SK508-T2B K52	RX VCO OSC
Q 1055	Transistor	DTC144EE TL	Buff AMP SW
Q 1057	Transistor	2SC5226-4-TL	Buff AMP
Q 1058	Transistor	2SC4226-T2B R24	TX VCO OSC
Q 1059	Transistor	2SC5226-4-TL	IF AMP
Q 1060	IC	TAR5S35(Te85L)	3.5V Regulator
Q 1061	Transistor	XN1501-(TX)	5V Regulator
Q 1062	Transistor	2SB1201S-TL	5V Regulator
Q 1063	IC	CD4066BPWR	OPTION SW/DTMF Decode INPUT SW/De-emphasis SW
Q 1064	IC	LC73881M-TLM	DTMF Decode IC
Q 1065	IC	S-80835CNMC-B8U-T2	RESET IC
Q 1066	Quadruple OP-AMP	NJM12902V(Te1)	EXT MIC AMP/EXT AF AMP/EXT RSSI AMP/FRONT MIC AMP
Q 1067	Transistor	2SC4617 TL R	Ripple Filter
Q 1068	IC	CD4066BPWR	EXT MIC GAIN Select SW/Compandor SW/ AF MUTE/De-emphasis SW
Q 1069	IC	TAR5S50(Te85L)	5V Regulator
Q 1070	Transistor	DTC144EE TL	SUB BAND SW
Q 1071	FET	3LN01S-TL	D-SUB Connector SW
Q 1072	Transistor	2SC4617 TL R	RESET
Q 1073	Transistor	DTC144EE TL	D-SUB Connector SW
Q 1074	Quadruple OP-AMP	NJM12902V(Te1)	VCO MOD AMP/REF MOD AMP/RX TUNE DC AMP/BIAS
Q 1075	Transistor	DTC114TE TL	Clock Shift
Q 1076	Quadruple OP-AMP	NJM12902V(Te1)	5TONE Decode/DCS Decode
Q 1077	FET	3LN01S-TL	D-SUB Connector SW
Q 1078	FET	2SK880GR TE85R	VCV Buff AMP

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Address	Device name	Description	Application
Q 1079	IC	TA31136FN(EL)	IF System IC
Q 1080	IC	BR93L66RFVM-WTR	EEPROM
Q 1081	Transistor	DTC144EE TL	D-SUB Connector SW
Q 1082	FET	3LN01S-TL	D-SUB Connector SW
Q 1083	CPU	LC87F5BP6A	CPU
Q 1084	Transistor	DTC144EE TL	D-SUB Connector SW
Q 1085	IC	SA7025DK	PLL IC
Q 1086	FET	3LN01S-TL	D-SUB Connector SW
Q 1087	Transistor	DTC144EE TL	D-SUB Connector SW
Q 1088	Quadruple OP-AMP	NJM12902V(TE1)	MIC AMP/RX AF buff AMP/Frequency Control DC AMP
Q 1089	Quadruple OP-AMP	NJM12902V(TE1)	Reverse Tone/DCS/Reverse Tone Decode
Q 1091	Transistor	2SC4617 TL R	SQL Noise AMP
Q 1092	Transistor	DTC144EE TL	Wide/Narrow SW
Q 1094	Transistor	2SC3357-T2 RF	TX Buff AMP
Q 1095	Quadruple OP-AMP	NJM12902V(TE1)	APC
Q 1096	Transistor	DTC144EE TL	D-SUB Connector SW
Q 1097	Transistor	DTC144EE TL	Power OFF SW
Q 1101	IC	TC4W66FU TE12L	AD SW
Q 1102	Transistor	DTA144EE TL	Wide/Narrow SW
Q 1103	Transistor	2SA1602A-T11-1F	Super Narrow SW
Q 1104	Transistor	2SC4617 TL R	Super Narrow SW
Q 1107	Transistor	DTA124EE TL	DC SW
Q 1108	IC	LM2902PWR	AMP/Super Narrow Filter
Q 1109	IC	TC4W66FU TE12L	Super Narrow SW
D 1001	Diode	XB15A709A0HR	ANT SW
D 1002	Diode	P6KA18	Surge Protection
D 1003	Varactor Diode	HVC306B TRU	RX tune
D 1004	Varactor Diode	HVC306B TRU	RX tune
D 1005	Diode	XB15A709A0HR	ANT SW
D 1006	Diode	XB15A709A0HR	ANT SW
D 1007	Diode	1SS400 TE61	Surge Protection
D 1008	Varactor Diode	HVC306B TRU	RX tune
D 1009	Varactor Diode	HVC306B TRU	RX tune
D 1010	Diode	BAS316	Protection
D 1011	Diode	1SS400 TE61	Surge Protection
D 1012	Diode	BAS316	Temperature Control
D 1013	Diode	HSM88AS TR	APC Voltage Detect
D 1014	Diode	HSM88AS TR	APC Voltage Detect
D 1015	Diode	HVC383B	TX VCO Frequency Control
D 1016	Diode	1SS400 TE61	Reverse Protection
D 1017	Diode	1SS400 TE61	Reverse Protection
D 1018	Diode	HVC383B	TX VCO Frequency Control
D 1019	Zener Diode	UDZS TE-17 5.6B	Protection
D 1020	Diode	HSC277TRF	Wide/Narrow SW
D 1021	Diode	RCCA-201Q43UA	Surge Protection
D 1022	Dual Diode	DAN222 TL	TX/RX SW
D 1023	Diode	1SS400 TE61	Reverse Protection
D 1024	Dual Diode	DA221 TL	Limiter
D 1025	Diode	1SS400 TE61	Reverse Protection
D 1026	Dual Diode	DA221 TL	Protection
D 1027	Diode	BAS316	Protection
D 1029	Dual Diode	DA221 TL	Limiter
D 1030	Diode	HVC383B	Modulator
D 1033	Diode	1SS400 TE61	Reverse Protection
D 1035	Diode	1SV282(TPH3)	RX VCO Frequency Control
D 1036	Diode	1SV282(TPH3)	RX VCO Frequency Control
D 1037	Diode	1SV282(TPH3)	RX VCO Frequency Control
D 1039	Diode	1SV282(TPH3)	RX VCO Frequency Control
D 1043	Diode	HVC383B	TX VCO Frequency Control
D 1044	Dual Diode	DA221 TL	RESET
D 1045	Dual Diode	DAN222 TL	MAIN/SUB BAND SW
D 1046	Diode	HVC383B	TX VCO Frequency Control
D 1047	Zener Diode	UDZS TE-17 16B	Surge Protection
D 1048	Dual Diode	DAN222 TL	MAIN/SUB BAND SW
D 1049	Diode	1SS400 TE61	Reverse Protection
D 1050	Zener Diode	UDZS TE-17 16B	Surge Protection
D 1051	Diode	1SS400 TE61	Unlock Detector
D 1052	Dual Diode	DAN222 TL	Wide/Narrow SW
D 1053	Zener Diode	UDZS TE-17 16B	Surge Protection
D 1054	Dual Diode	DAN222 TL	Wide/Narrow SW
D 1055	Zener Diode	UDZS TE-17 16B	Surge Protection
D 1057	Dual Diode	DA221 TL	Surge Protection
D 1058	Dual Diode	DA221 TL	Surge Protection
D 1059	Dual Diode	DA221 TL	SQL Noise Detector
D 1060	Dual Diode	DA221 TL	Surge Protection

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Component Applications

Address	Device name	Description	Application
D 1061	Dual Diode	DA221 TL	SQL Noise Detector
D 1062	Zener Diode	UDZS TE-17 16B	Surge Protection
D 1063	Zener Diode	UDZS TE-17 16B	Surge Protection
D 1064	Zener Diode	UDZS TE-17 16B	Surge Protection
D 1065	Zener Diode	UDZS TE-17 16B	Surge Protection
D 1066	Zener Diode	UDZS TE-17 16B	Surge Protection
D 1067	Dual Diode	DA221 TL	Noise Detection
D 1068	Diode	1SS400 TE61	Reverse Protection
D 1070	Diode	HSC277TRF	Wide/Narrow SW
D 1071	Diode	HSC277TRF	Wide/Narrow SW
D 1072	Diode	HSC277TRF	Wide/Narrow SW
D 1073	Diode	HSC277TRF	Wide/Narrow SW
D 1074	Dual Diode	DA221 TL	Limiter
D 1075	Diode	1SS400 TE61	SW
D 1076	Zener Diode	UDZS TE-17 16B	Surge Protection

[MODEM-UNIT]			
Address	Device name	Description	Application
Q 7006	IC	TAR5S50(TE85L)	5V Regulator
Q 7009	Quadruple OP-AMP	LM2902PWR	AMP
Q 7010	FET	2SK2035 TE85R	Level Converter
Q 7011	IC	TC74VHCT125AFT(EL)	Level Converter
Q 7012	IC	AK4550VT	AD/DA
Q 7014	FET	2SK2035 TE85R	Level Converter
Q 7015	IC	TPS76316	1.6V Regulator
Q 7017	FET	2SK2035 TE85R	Level Converter
Q 7018	IC	TMS320VC5410A	DSP
Q 7020	IC	TC7S32FU TE85R	Flash Memory Write Enable
Q 7022	IC	MBM29LV400TC-90	Flash Memory
Q 7024	IC	TC7W00FU(TE12L)	Flash Memory Output Enable
Q 7027	Transistor	DTC144***	Not Used
Q 7029	IC	AD73111	Not Used
Q 7030	IC	TPS76333	3.3V Regulator
Q 7031	IC	TPS77433	Not Used
Q 7032	IC	TPS77415	Not Used
Q 7657	Transistor	2SC5107-O(TE85R)	AMP
D 7001	Diode	1SS355 TE-17	Option Select
D 7002	Diode	1SS400 TE61	Level Converter

Address	Device name	Description	Application
[FRONT-C-UNIT (501CH)]			
Q 5001	Transistor	DTC144EE	TX LED SW
Q 5002	Transistor	XP1501	Dimmer Control
Q 5003	Transistor	CPH6102	Dimmer Control
Q 5004	Transistor	DTC144EE	BUSY LED SW
Q 5005	Transistor	XP1501	LCD Contrast Control
Q 5006	Transistor	2SA1602A	LCD Contrast Control
Q 5007	IC	M5278L09M	9V Regulator
Q 5008	IC	NJU6624AFG1-03	LCD Driver
Q 5009	IC	M5278L05M	5V Regulator
Q 5010	IC	TC4S66F	Emergency MIC SW
D 5001	LED	BRPG1211C	TX/BUSY LED
D 5002	Diode	1SS400 TE61	Protection
D 5003	LED	TLOU1020(T14)	LCD Back-light
D 5004	LED	TLOU1020(T14)	LCD Back-light
D 5005	LED	TLOU1020(T14)	LCD Back-light
D 5006	LED	TLOU1020(T14)	KEY Back-light
D 5007	LED	TLOU1020(T14)	KEY Back-light
D 5008	LED	TLOU1020(T14)	KEY Back-light

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Component Applications

Address	Device name	Description	Application
D 5009	Dual Diode	DA204U T106	Surge Protection
D 5010	LED	TLOU1020(T14)	KEY Back-light
D 5011	LED	TLOU1020(T14)	KEY Back-light
D 5012	LED	TLOU1020(T14)	KEY Back-light
D 5013	Diode	1SS400 TE61	Reverse Protection
D 5014	Dual Diode	DA221 TL	Surge Protection
D 5015	Diode	1SS400	Reverse Protection
D 5016	Dual Diode	DA204U T106	Surge Protection
D 5017	Dual Diode	DA221 TL	Surge Protection
D 5018	Diode	1SS400 TE61	Reverse Protection
D 5019	LED	TLOU1020(T14)	KEY Back-light
D 5020	Zener Diode	UDZS TE-17 4.3B	Current limiter

Address	Device name	Description	Application
<b>[FRONT-D-UNIT (4CH)]</b>			
Q 4001	Transistor	DTC144EE TL	TX LED SW
Q 4002	IC	TC4S66F TE85R	Emergency MIC SW
Q 4003	Transistor	DTC144EE TL	BUSY LED SW
Q 4004	IC	CD4094BPWR	PANEL Control
Q 4005	Transistor	DTC144EE TL	P1 Light SW
Q 4006	Transistor	DTC144EE TL	P2 Light SW
Q 4007	Transistor	DTC144EE TL	CH1 Light SW
Q 4008	Transistor	DTC144EE TL	CH2 Light SW
Q 4009	IC	M5278L09M 600C	9V Regulator
Q 4010	Transistor	DTC144EE TL	CH3 Light SW
Q 4011	Transistor	DTC144EE TL	CH4 Light SW
Q 4012	IC	M5278L05M 600C	5V Regulator
Q 4013	Transistor	DTC144EE TL	KEY Back-light SW
Q 4014	Transistor	DTC144EE TL	KEY Back-light SW
D 4001	Diode	1SS400 TE61	Protection
D 4002	LED	BRPG1211C-TR	TX/BUSY LED
D 4003	Zener Diode	EDZ TE61 5.1B	Surge Protection
D 4004	Zener Diode	EDZ TE61 5.1B	Surge Protection
D 4005	Zener Diode	EDZ TE61 5.1B	Surge Protection
D 4006	Diode	DA221 TL	Surge Protection
D 4007	LED	TLGU1008A	P1 LED
D 4008	LED	TLGU1008A	CH1 LED
D 4009	LED	TLGU1008A	P2 LED
D 4010	LED	TLGU1008A	CH2 LED
D 4011	LED	TLGU1008A	CH3 LED
D 4012	LED	TLGU1008A	CH4 LED
D 4013	LED	TLOU1020(T14)	KEY Back-light
D 4014	LED	TLOU1020(T14)	KEY Back-light
D 4015	LED	TLOU1020(T14)	KEY Back-light