

## VX-820/VX-870 (UHF) series

Address	Device name	Description	Application
[MAIN-UNIT]			
D 1001	Diode	PTZ TE25 15A	Protection
D 1005	Diode	1SS400G	Protection
D 1006	Diode	1SS400G	Protection
D 1011	Diode	HVU131	ANT SW
D 1012	Diode	HVU131	ANT SW
D 1013	Diode	1SV331	BPF Tune
D 1015	Diode	1SV331	BPF Tune
D 1017	Diode	1SS400G	Protection
D 1018	Diode	1SS400G	RX RF AMP Protection
D 1020	Diode	1SV331	BPF Tune
D 1022	Diode	1SV331	BPF Tune
D 1023	Diode	DAN222	TX/RX SW
D 1024	Diode	1SS400G	Ripple Filter
D 1025	Diode	DA221	Noise Filter
D 1026	Diode	DA221	Limiter
D 1029	Not use		
D 1030	Diode	HVC383B	Modulator
D 1032	Diode	1SS400	Ripple Filter
D 1033	Diode	HVC362TRF	TX VCO
D 1034	Diode	HVC362TRF	TX VCO
D 1035	Diode	HVC362TRF	TX VCO
D 1036	Diode	HVC383B	RX VCO
D 1037	Diode	HVC383B	RX VCO
D 1038	Diode	HVC383B	RX VCO
D 1039	Diode	HVC362TRF	TX VCO
D 1040	Diode	HVC383B	RX VCO
D 1041	Diode	1SS400G	Reverse Protection
D 1042	Diode	DA221	Limiter
D 1043	Diode	DA221	RESET DET
D 1044	Zener Diode	HZU5ALL	Protection
D 1046	Diode	DAN222	W/N SW
D 1047	Diode	1SS400G	Speed Up
D 1048	Diode	DAN222	W/N SW
D 1049	Diode	DA221	Detector
D 1050	Diode	DA221	Detector
D 1051	Diode	1SS400G	Detector
D 1052	Zener Diode	UDZS TE-17 3.9B	Protection
Q 1002	Transistor	XP1501	TX 5V Regulator
Q 1003	Transistor	CPH6102	TX 5V Regulator
Q 1004	Transistor	DTC144EE	SW
Q 1005	IC	TAR5S50	5V Regulator
Q 1006	Transistor	UMD5N TR	SW
Q 1010	Transistor	DTC114TE	SW
Q 1014	IC	CD4053BPWR	Selector
Q 1017	Transistor	DTC144EE	SW
Q 1018	Transistor	DTC144EE	SW
Q 1019	FET	2SK3476	TX PA
Q 1020	IC	M62364FP 600D	Level Control
Q 1021	Transistor	HSG2001VF	RX RF AMP
Q 1022	IC	LA8630M	Compander / Expander
Q 1024	FET	2SK3475	TX Drive AMP
Q 1025	Transistor	DTC144EE	Po Off SW
Q 1027	Transistor	2SC3357-T2	TX Pre Drive AMP
Q 1028	IC	BD6111FV-E2	-5V Regulator
Q 1029	IC	TC4W53FU	Selector
Q 1030	IC	NJM2130F	VCV Control
Q 1031	IC	AK2345	AF Base-Band
Q 1032	Transistor	2SC5226-4	Buffer AMP
Q 1033	Transistor	DTC144EE	P_SAVE SW
Q 1034	IC	SPM5001	RX 1st Mixer
Q 1035	Transistor	2SA1774 R	Ripple Filter
Q 1036	Transistor	DTA144EE	P_SAVE SW

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Q 1037	IC	TC7W74FU	CLOCK Divider
Q 1038	Transistor	DTC114TE	P_SAVE SW
Q 1040	Transistor	2SC5226-4	Buffer AMP
Q 1041	Transistor	UN911F	P_SAVE SW
Q 1043	Transistor	DTC144EE	RX VCO SW
Q 1046	FET	2SK508 K52	RX VCO
Q 1047	Transistor	DTC114TE	TX VCO SW
Q 1048	Transistor	DTC144EE	P_SAVE SW
Q 1049	Transistor	2SC5226-4	Buffer AMP
Q 1051	Transistor	2SC4227 R32	TX VCO
Q 1053	Transistor	2SC4617 R	Ripple Filter
Q 1056	Transistor	2SC5226-4	IF AMP
Q 1058	Transistor	UMD5N	IF_SAVE SW
Q 1059	IC	S-80835CNMC-B8U	RESET
Q 1060	IC	TAR5S35	3.5V Regulator
Q 1061	IC	TAR5S35	3.5V Regulator
Q 1062	Transistor	DTC114TE	CLOCK SHIFT SW
Q 1063	IC	BR93L66RFVM	EEPROM
Q 1064	Transistor	2SC4617 R	Reset Cntrl
Q 1065	IC	TA31136FN	IF Subsystem
Q 1066	FET	2SK880GR	VCV Detect
Q 1067	IC	LC87F72C8A-F5N19	Microprocessor
Q 1068	IC	SA7025DK	PLL Subsystem
Q 1069	Transistor	2SC4617 R	Noise AMP
Q 1070	Transistor	DTC144EE	W/N SW
Q 1071	Transistor	DTC144EE	W/N SW
Q 1072	IC	LM2902PWR	Current Detect/Power Control/RX Tune
Q 1073	IC	LM2902PWR	DCS DEC/Buf AMP
Q 1074	IC	LM2902PWR	CTCSS DEC/De-EMP
Q 1075	IC	LM2902PWR	Bias/Mod/Freq Adj
Q 1078	IC	CD4066BPWR	AF SW
Q 1080	IC	LM2904PWR	TONE DEC
Q 1082	IC	LM2902PWR	LPF
Q 1083	Transistor	DTC114TE	AF MUTE
Q 1084	IC	NJM2130F	ATT
Q 1085	Transistor	UN911F	AF_SAVE SW
Q 1086	Transistor	DTC144EE	AF Control

## [DISPLAY-UNIT]

D 2001	LED	FA1101F	Backlight for LCD
D 2002	LED	FA1101F	Backlight for LCD
D 2003	LED	TLOU1020	Backlight for KEY
D 2004	LED	TLOU1020	Backlight for KEY
D 2005	LED	TLOU1020	Backlight for KEY
D 2006	LED	TLOU1020	Backlight for KEY
D 2009	Diode	1SS400	Reverse Protection
D 2010	Diode	1SS400	Reverse Protection
D 2011	Diode	1SS400	Reverse Protection
D 2012	Diode	1SS400	Reverse Protection
D 2013	LED	KL-157T01	Tri-color LED
D 2014	Diode	DA221	Protection
D 2015	Diode	DA221	Protection
D 2016	Diode	DA221	Protection
D 2017	Diode	DA221	Protection
D 2018	Diode	DA221	Protection
D 2019	Diode	1SS400G	Reverse Protection
D 2020	Diode	DA221	Protection
Q 2001	Transistor	DTC114TE	LED SW
Q 2002	Transistor	DTC114TE	LED SW
Q 2003	IC	TAR5S50U	Regulator for LED
Q 2004	Transistor	XP1501	LCD Voltage Control
Q 2005	Transistor	2SA1602A-T11	LCD Voltage Control
Q 2006	IC	NJU6624AFG1-03	LCD Driver

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Q 2007	Transistor	2SD1767 Q	LED Driver
Q 2008	Transistor	DTC114TE	LED SW
Q 2009	Transistor	DTC114TE	LED SW
Q 2010	Transistor	DTC114TE	LED SW
Q 2011	Transistor	DTC114TE	LED SW
Q 2012	Transistor	DTC114TE	LED SW
Q 2013	Transistor	DTC114TE	LED SW
Q 2014	IC	LM2904PWR	MIC AMP
Q 2015	IC	CD4053BPWR	Selector
Q 2016	IC	TDA2822D013TR	AF AMP
Q 2017	IC	TDA2822D013TR	AF AMP
Q 2018	Transistor	CPH6102	AF AMP SW
Q 2019	Transistor	2SA1774 R	Current Limiter
Q 2020	Transistor	UMD12N	AF AMP SW
Q 2021	Transistor	UMD12N	AF AMP SW
Q 2022	Transistor	DTC144EE	AF AMP SW
Q 2023	Transistor	DTC114TE	AF AMP SW
Q 2021	Transistor	UMD12N	SW
Q 2022	Transistor	DTC144EE	SW
Q 2023	Transistor	DTC114TE	SW