

VXA-710

Component Applications

Address	Device name	Description	Application
[RF-UNIT]			
D 1002	Diode	BAS316	Ripple Filter
D 1003	Diode	M1FM3-4063	Reverse Voltage Protector
D 1004	Diode	BAS316	Reverse Protector
D 1005	Diode	HSU277TRF	FM Modulator
D 1006	Diode	BAS316	Reverse Protector
D 1007	Varactor Diode	HVC350B-TRF	VCO
D 1008	Diode	HSU277TRF	VCO Shift Switch
D 1009	Diode	RB751S-40TE61	DC-DC Converter
D 1010	Diode	HSU277TRF	TX/RX Switch
D 1011	Diode	MC2848-T11-1	TX/RX Switch
D 1012	Diode	BAS316	Reverse Protector
D 1013	Varactor Diode	HVC359	BPF Tune
D 1014	Varactor Diode	HVC350B-TRF	BPF Tune
D 1015	Varactor Diode	HVC359	BPF Tune
D 1016	Diode	RLS135 TE-11	Antenna Switch
D 1017	Diode	HSU277TRF	Band Switch
D 1018	Varactor Diode	HVC350B-TRF	BPF Tune
D 1019	Diode	RLS135 TE-11	Antenna Switch
D 1020	Diode	RN739F T106	RF Level Limiter
D 1021	Diode	HSM88WA TR	Power Detect
D 1022	Varactor Diode	HVC359	BPF Tune
D 1023	Diode	DAN235U TL	Band Switch
D 1024	Varactor Diode	HVC350B-TRF	BPF Tune
D 1025	Varactor Diode	HVC359	BPF Tune
D 1026	Varactor Diode	HVC350B-TRF	BPF Tune
D 1027	Diode	BAS316	Reverse Protector
D 1029	Diode	BAS316	Band Switch
D 1030	Diode	MC2848-T11-1	Power Detect
Q 1001	Transistor	2SC4116GR TE85R	Ripple Filter
Q 1002	Transistor	RT1N241M-T11-1	FM Mod. Mute Switch
Q 1004	Transistor	DTA143EE TL	VCO Save Switch
Q 1006	Transistor	DTA143EE TL	RX Save Switch
Q 1007	Transistor	DTA143EE TL	RX Switch
Q 1009	Transistor	DTA143EE TL	PLL Save Switch
Q 1010	Transistor	RT1N241M-T11-1	VCO Shift Switch
Q 1011	Transistor	2SB1132 T100 Q	3.5V Regulator
Q 1012	Transistor	UMW1N TR	3.5V Regulator
Q 1013	IC	MB15A01PFV1-G-BND-EF	PLL Sbsystem
Q 1014	Transistor	2SC5555ZD-TR	VCO
Q 1015	IC	XC6371A650PR	DC-DC Converter
Q 1016	Transistor	2SA1602A-T11-1F	TX Unlock Switch
Q 1017	Transistor	2SC5555ZD-TR	Buffer Amplifier
Q 1018	Transistor	UMW1N TR	TX Unlock Switch
Q 1019	Transistor	2SK880GR TE85	VCV Buffer
Q 1020	Transistor	DTA143EE TL	TX Unlock Switch
Q 1021	Transistor	2SC5555ZD-TR	Buffer Amplifier
Q 1022	Transistor	UMW1N TR	TX Regulator
Q 1023	Transistor	DTA143EE TL	TX AM/FM Switch
Q 1024	Transistor	2SB1132 T100 Q	TX Regulator
Q 1029	Transistor	2SC3356-T2B R25	Driver Amplifier
Q 1031	FET	RD01MUS1	Exciter Amplifier
Q 1032	Transistor	2SA1602A-T11-1F	AGC Amplifier
Q 1033	Transistor	2SC4215Y TE85R	IF Amplifier
Q 1034	Transistor	UMW1N TR	AGC Amplifier
Q 1035	Transistor	2SC5555ZD-TR	AGC
Q 1037	FET	2SK2974-T11	Power Amplifier
Q 1038	Transistor	2SC5555ZD-TR	AGC
Q 1039	Transistor	2SC5555ZD-TR	1st Mixer
Q 1040	Transistor	2SC5555ZD-TR	1st Mixer
Q 1041	Transistor	2SC5555ZD-TR	RF Amplifier
Q 1042	Transistor	2SC5555ZD-TR	AGC
Q 1043	Transistor	2SC5555ZD-TR	RF Amplifier
Q 1044	Transistor	RT1N241M-T11-1	WFM VCV Switch
Q 1045	Transistor	RT1N241M-T11-1	AM Mod. Mute Switch
Q 1046	Transistor	2SC5555ZD-TR	RF Amplifier
Q 1047	Transistor	RT1N241M-T11-0	VCO Shift Switch
Q 1048	Transistor	RT1N241M-T11-1	Loop Filter Switch
Q 1049	Transistor	DTA143EE TL	Band Switch

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Address	Device name	Description	Application
Q 1026	Transistor	2SC4617	CPU Reset
Q 1028	Transistor	UMW1N	TX/RX SW
Q 1029	Transistor	DTA143XE	TX/RX SW
Q 1030	Transistor	2SC4617	CPU Reset
Q 1031	Transistor	FMMTL618	LED Indicator Control
Q 1032	Transistor	2SC5226	TX Buff AMP
Q 1033	IC	M62364FP	D/A Convertor
Q 1034	Transistor	2SC4617	LED Indicator Control
Q 1035	Transistor	2SC4617	LED Indicator Control
Q 1036	FET	2SK3074	TX Driver AMP
Q 1037	Transistor	2SA1774	Filter SW Control
Q 1038	Transistor	2SA1774	Filter SW Control
Q 1039	IC	NJM2591V	IF Subsystem
Q 1040	Transistor	2SC4617	Disc Control
Q 1041	Transistor	DTC144EE	Filter SW Control
Q 1042	FET	2SJ364	RX AF Mute
Q 1043	FET	2SJ364	Scrambler Control
Q 1044	Transistor	2SC4617	LED Indicator Control
Q 1045	FET	RD07MVS1	RF Power AMP
Q 1046	Transistor	2SC4400	1st IF AMP
Q 1047	Transistor	2SC4617	AF BPF AMP
Q 1048	FET	2SJ364	Scrambler Control
Q 1049	FET	2SJ364	Scrambler Control
[AF-UNIT]			
D 2001	Diode	BAS316	Reverse Protector
D 2002	Diode	BAS316	Reverse Protector
D 2004	Diode	MC2850-T11-1	Voltage Control
D 2005	Diode	MC2850-T11-1	Reverse Protector
D 2009	Zener Diode	RD6.8UMB2-T1B	Voltage Control
D 2012	Diode	BAS316	ANL
D 2017	Diode	BAS316	AGC
D 2018	Diode	MC2848-T11-1	CF Switch
D 2019	Diode	MC2848-T11-1	CF Switch
D 2020	Diode	DAN235U TL	2nd Local Switch
D 2021	Diode	RB706F-40T106	SQS Detector
D 2022	Diode	MC2850-T11-1	Fast Switch
D 2023	Diode	MC2850-T11-1	Fast Switch
D 2024	Diode	BAS316	Detector
D 2025	Diode	BAS316	VOR Switch
D 2026	Diode	BAS316	Reverse Protector
D 2027	Diode	BAS316	Reverse Protector
D 2029	Diode	BAS316	Reverse Protector
Q 2001	Transistor	UMZ2N TR	PTT Switch
Q 2002	FET	2SJ364-R(TX)	WX Arert Switch
Q 2005	Transistor	2SB1132 T100 Q	Mic Amp. Regulator
Q 2006	Transistor	RT1N241M-T11-1	Mic Amp. REG Switch
Q 2008	Transistor	RT1N241M-T11-1	AF Mute Switch
Q 2009	Transistor	RT1N241M-T11-1	AF Mute Switch
Q 2010	IC	TDA7233D-TR	AF Power Amplifier
Q 2012	Transistor	2SB1132 T100 Q	AF Amp. Control Switch
Q 2013	Transistor	2SC4116GR TE85R	AF Amp. Control Switch
Q 2014	Transistor	DTC143ZE TL	AF Mute Switch
Q 2015	Transistor	DTA143EE TL	RX Wide/Narrow Switch
Q 2016	Transistor	RT1N241M-T11-1	RX AM/FM Switch
Q 2017	Transistor	RT1N241M-T11-1	RX Wide/Narrow Switch
Q 2018	Transistor	DTA143EE TL	RX Wide/Narrow Switch
Q 2019	Transistor	UMG2N TR	ANL Switch
Q 2020	IC	NJM2904V-TE1	AF Amplifier
Q 2021	Transistor	2SA1602A-T11-1F	SQS Switch
Q 2022	FET	HN1J02FU(TE85L)	AF Wide/Narrow Switch
Q 2023	IC	TA7792F(TP1)	IF Subsystem (Wide)
Q 2024	Transistor	2SA1602A-T11-1F	AGC Switch
Q 2025	Transistor	2SC4116GR TE85R	SQS Amplifier
Q 2026	Transistor	UMW1N TR	AGC Amplifier
Q 2027	Transistor	2SA1602A-T11-1F	AGC Amplifier
Q 2028	Transistor	RT1N241M-T11-1	CF Switch
Q 2029	Transistor	2SC4116GR TE85R	AGC Switch
Q 2030	Transistor	2SC4116GR TE85R	Reference Oscillator
Q 2031	Transistor	2SC4116GR TE85R	SQS Amplifier

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Address	Device name	Description	Application
Q 2032	Transistor	DTC143ZE TL	AGC Switch
Q 2033	Transistor	2SC4116GR TE85R	SQS Amplifier
Q 2036	Transistor	2SC4400-4-TL	Doubler
Q 2037	IC	NJM2902V-TE1	VOR
Q 2038	IC	NJM2901V-TE1	VOR
Q 2039	IC	TK10931VT1	IF Subsystem (Narrow)
Q 2040	Transistor	DTA143EE TL	RX AM/FM Switch
Q 2041	Transistor	RT1N241M-T11-1	AGC Switch
Q 2044	Transistor	RT1N241M-T11-1	Wide/Narrow Switch
Q 2047	Transistor	DTC144EE TL	Wide/Narrow Switch
Q 2048	Transistor	DTC144EE TL	Wide/Narrow Switch
[CNTL-UNIT]			
D 3003	LED	FRGB1312CE-10-TF	TX/BUSY Lamp
D 3005	Diode	BAS316	Reverse Protector
D 3006	Diode	BAS316	AM Mod. Mute Switch
D 3007	Diode	RN739F T106	Modulation Attenuator
D 3009	Diode	BAS316	FM Mod. Mute Switch
D 3010	Diode	BAS316	Modulation Attenuator Switch
D 3012	LED	SPMA10-1104Q7NC	Illumination
D 3013	LED	19-215UYOC/S530A2/TR8	Illumination
D 3014	LED	19-215UYOC/S530A2/TR8	Illumination
D 3015	LED	19-215UYOC/S530A2/TR8	Illumination
D 3017	LED	19-215UYOC/S530A2/TR8	Illumination
D 3018	LED	SPMA10-1104Q7NC	Illumination
D 3019	LED	19-215UYOC/S530A2/TR8	Illumination
D 3020	LED	19-215UYOC/S530A2/TR8	Illumination
D 3021	LED	19-215UYOC/S530A2/TR8	Illumination
D 3023	Diode	MC2850-T11-1	Reset Control
D 3024	Zener Diode	HZU5ALL-TR	Voltage Protector
D 3025	Diode	BAS316	Voltage Protector
D 3026	Zener Diode	RD6.8UMB2-T1B	Voltage Protector
D 3027	Diode	MC2846-T11-1	Key Matrix
D 3028	Diode	MC2846-T11-1	Key Matrix
D 3029	Diode	MC2846-T11-1	Key Matrix
D 3030	Diode	MC2846-T11-1	Key Matrix
D 3031	Diode	BAS316	Reverse Protector
D 3032	Diode	MC2850-T11-1	Reset Control
D 3033	Diode	DA221 TL	Limiting Diode
D 3034	Diode	DA221 TL	Limiting Diode
D 3035	Diode	MC2848-T11-1	Tone Filter Switch
D 3036	Zener Diode	RD2.0UM-T2	Charge Control
D 3037	Diode	BAS316	Reset Control
D 3038	Diode	BAS316	Mod. Mute Switch
Q 3001	Transistor	CPH6202-TL	LED Control
Q 3003	Transistor	CPH6202-TL	LED Control
Q 3004	IC	NJM2902V-TE1	D/A Buffer Amplifier
Q 3005	Transistor	RT1N241M-T11-1	Internal Mic Switch
Q 3006	IC	NJM2902V-TE1	Mic Amplifier
Q 3007	Transistor	CPH6202-TL	LED Control
Q 3008	Transistor	RT1N241M-T11-1	Mic Amp. Gain Control Switch
Q 3010	Transistor	RT1P441U-T11-1	TX AM/FM Switch
Q 3011	IC	AN6123MS-TXL	ALC Amplifier
Q 3012	IC	NJU7018V	APC/Mic Amplifier
Q 3013	IC	M62364FP 600D	D/A Converter
Q 3014	Transistor	UMD2N TR	TX AM/FM Switch
Q 3015	Transistor	UMD6N TR	Modulation Attenuator Switch
Q 3016	Transistor	RT1P441U-T11-1	VOR Switch
Q 3017	Transistor	CPH6202-TL	LED Control
Q 3018	IC	AK93C95AF E-1	EEPROM
Q 3019	Transistor	DTC124TU T106	Reset Control
Q 3020	Transistor	RT1N241M-T11-1	Reset Control
Q 3021	Transistor	UMW1N TR	3.5V Regulator
Q 3022	IC	S-80835CNMC-B8U-T2	Voltage Detect
Q 3023	Transistor	2SB1132 T100 Q	3.5V Regulator
Q 3024	IC	S-812C35AUA-C2P-T2	3.5V Regulator
Q 3025	Transistor	2SC4116GR TE85R	Clock Shift Switch
Q 3026	IC	LC87F52C8A-F50T6	Microprocessor
Q 3027	IC	S-80835CNMC-B8U-T2	Voltage Detect
Q 3028	IC	TC7S08FU TE85R	LCD Data Converter

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Address	Device name	Description	Application
Q 3029	Transistor	RT1P441U-T11-1	WX Arert Switch
Q 3030	Transistor	RT1P441U-T11-1	DCS/CTCSS Switch
Q 3033	Transistor	2SD1801S-TL	Charge Control
Q 3034	Transistor	RT1N241M-T11-1	Charge Control
Q 3035	Transistor	RT1N241M-T11-1	Charging Monitor
Q 3036	Transistor	RT1N241M-T11-1	BEEP/DTMF Atteneter Switch
Q 3037	IC	NJM12902V(TE1)	CTCSS/DCS Filter
Q 3038	IC	NJM2904V-TE1	WX Arert Filter
Q 3039	Transistor	RT1N441U-T11-1	CTCSS Filter Switch
Q 3040	Transistor	RT1N441U-T11-1	CTCSS Filter Switch
Q 3041	Transistor	DTC144EE TL	Mod. Filter Switch
Q 3042	Transistor	DTC144EE TL	APC Switch