

VXA-150 Component Applications

Location	Parts Type	Nomenclature	Application
Q 1001	Transistor	2SB1132	Charge REG
Q 1002	Transistor	UMZ2N	PTT switch
Q 1003	Transistor	2SB1132	Mic amp. REG
Q 1004	Transistor	2SC4116GR	MIC Mute SW
Q 1005	IC	NJM2902V	Mic amplifier
Q 1006	Transistor	RT1N241M	Mic amp. REG SW
Q 1007	IC	AN6123MS	ALC amp.
Q 1008	Transistor	DTC143ZUA	AF Mute SW
Q 1009	IC	TDA7233D	AF Power amplifier
Q 1010	Transistor	2SB1132	AF AMP.control switch
Q 1011	Transistor	UMG2N	Sidetone SW
Q 1012	Transistor	2SC4116GR	AF AMP.control switch
Q 1013	Transistor	2SC4116GR	Clock shift switch
Q 1014	IC	M38257E8-GP	Microprocessor
Q 1015	IC	AK93C85AM	EEPROM
Q 1016	Transistor	2SC4116GR	Ripple filter
Q 1017	Transistor	UMG2N	RX switch
Q 1018	Transistor	DTA143EU	RX SAVE switch
Q 1019	Transistor	DTC124TU	Reset control
Q 1020	Transistor	DTA143EU	RX switch
Q 1021	Transistor	RT1N241M	VCO Shift switch
Q 1022	Transistor	DTA143EU	RX SAVE switch
Q 1023	Transistor	2SC5226	VCO
Q 1024	IC	S-80745SN	Voltage detect
Q 1025	Transistor	RT1P441U	RX SAVE switch
Q 1026	Transistor	RT1N241M	Mode SW
Q 1027	Transistor	UMG2N	ANL SW
Q 1028	IC	NJM2904V	AF amplifier
Q 1029	Transistor	2SC5226	Buffer amplifier
Q 1030	IC	S-81235SGUP	3.5V regulator
Q 1031	Transistor	DTC143ZUA	LED driver
Q 1032	IC	MB15A01PFV1	PLL subsystem
Q 1033	Transistor	2SB1132	5V regulator
Q 1034	Transistor	UMW1	5V regulator
Q 1035	Transistor	2SA1602A	TX unlock switch
Q 1036	Transistor	2SC5226	Buffer amplifier
Q 1037	Transistor	UMW1	TX unlock switch
Q 1039	Transistor	UMW1	5V regulator
Q 1040	Transistor	2SB1132	5V regulator
Q 1041	Transistor	DTA143EU	TX unlock switch
Q 1042	FET	2SK880GR	VCV Buffer
Q 1043	Transistor	2SC3356	Driver amplifier
Q 1044	Transistor	2SB1132	Tx switch
Q 1045	Transistor	2SC4116GR	Reference Oscillator
Q 1046	Transistor	UMW1	Tx switch
Q 1047	FET	2SK2973	Exciter amplifier
Q 1048	Transistor	2SC4116GR	RF amplifier
Q 1049	IC	TK10931V	IF subsystem
Q 1050	Transistor	2SC4215Y	IF amplifier
Q 1051	Transistor	2SC5226	AGC Control

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Location	Parts Type	Nomenclature	Application
Q 1052	FET	2SK2974	Power amplifier
Q 1053	Transistor	RT1N241M	Mode SW
Q 1054	Transistor	2SA1602A	AGC amplifier
Q 1055	Transistor	UMW1	AGC amplifier
Q 1056	Transistor	2SC5226	1st mixer
Q 1057	Transistor	2SC5226	AGC Control
Q 1058	Transistor	2SC5226	RF amplifier
Q 1059	Transistor	RT1N241M	AF AMP control switch
D 1001	Zener Diode	02CZ2.0X	Voltage limiter
D 1002	Diode	BAS316	Reverse protector
D 1003	Diode	BAS316	Reverse protector
D 1004	Diode	SB40W03T	Regulator switch
D 1005	Diode	MC2848	Reverse voltage protector
D 1006	Diode	BAS316	Reverse voltage protector
D 1007	Diode	MC2850	Voltage protector
D 1008	Diode	MC2850	Voltage control
D 1009	Diode	BAS316	Reverse protector
D 1012	Zener Diode	RD6.8UMB2	Voltage control
D 1014	Diode	BAS316	Reverse protector
D 1015	Diode	RN739F	Modulation attenuator
D 1016	Diode	HVC350B	VCO
D 1017	Diode	BAS316	Ripple filter
D 1018	Diode	MC2850	Reverse protector
D 1019	Diode	MC2850	Reset control
D 1020	Diode	HSU277TRF	VCO Shift switch
D 1021	Diode	BAS316	Reverse protector
D 1022	Diode	BAS316	Voltage protector
D 1023	Diode	BAS316	ANL
D 1024	Zener Diode	HZU4ALL	Voltage protector
D 1025	LED	AA1101F	Illumination
D 1026	LED	AA1111C	Illumination
D 1027	LED	AA1111C	Illumination
D 1029	LED	AA1111C	Illumination
D 1030	LED	AA1111C	Illumination
D 1031	Diode	MC2848	TX/RX switch
D 1032	Varactor Diode	HVC350B	BPF tune
D 1033	Diode	BAS316	AGC
D 1034	Varactor Diode	HVC350B	BPF tune
D 1036	Varactor Diode	HVC350B	BPF tune
D 1037	Diode	RLS135	Antenna switch
D 1039	Diode	RLS135	Antenna switch
D 1040	Diode	HSM88WA	Power detect
D 1041	Diode	RN739F	RF level limiter
D 1042	Varactor Diode	HVC350B	BPF tune
D 1043	Diode	BAS316	APC