

VXA-120 Component Application

Location	Parts Type	Nomenclature	Application
Q1001	Transistor	2SC4116GR	Ripple filter
Q1002	Transistor	DTC143ZUA	VCO Shift switch
Q1003	Transistor	DTA143EU	RX SAVE switch
Q1004	Transistor	DTA143EU	RX SAVE switch
Q1005	Transistor	2SB1132	Chag Regulator
Q1006	Transistor	2SC5226	VCO
Q1007	Transistor	2SC5226	Buffer amplifier
Q1008	Transistor	2SB1132	3V regulator
Q1009	Transistor	FMW1	3V regulator
Q1010	Transistor	2SC5226	Buffer amplifier
Q1011	Transistor	DTA143EU	RX switch
Q1012	IC	RH5RH501A	DC-DC 5V regulator
Q1013	Transistor	DTC144EU	TX unlock switch
Q1014	IC	MB15A01PFV-G-BND	PLL subsystem
Q1015	Transistor	2SC5226	Buffer amplifier
Q1016	Transistor	2SA812	TX unlock switch
Q1017	Transistor	2SC4116GR	Tx switch
Q1018	Transistor	DTA143EU	Tx switch
Q1019	FET	2SK880GR	VCV Buffer
Q1020	Transistor	DTC124EU	Mode SW
Q1021	Transistor	2SC4116GR	Reference Oscillator
Q1022	Transistor	2SC5226	Buffer amplifier
Q1023	Transistor	FMW1	TX unlock switch
Q1024	Transistor	2SB1132	TX unlock switch
Q1025	Transistor	2SC4116GR	RF amplifier
Q2026	IC	TK10930V	IF subsystem
Q2027	Transistor	2SC3356	Driver amplifier
Q1028	Transistor	2SC4116GR	APC driver
Q1029	FET	2SK2973	Exciter amplifier
Q1030	Transistor	FMS1	APC driver
Q1031	Transistor	2SC4215	IF amplifier
Q1032	FET	2SK2975	Power amplifier
Q1033	IC	NJM2904V	AF amplifier
Q1034	Transistor	2SC5226	1st mixer
Q1035	Transistor	DTC144EU	AGC Control
Q1036	Transistor	2SC5226	RF amplifier
Q1037	Transistor	DTC124TU	AF Mute SW
Q1038	Transistor	FMG2	ANL SW
Q1039	FET	2SK2170	AGC Control
Q1041	Transistor	DTC143ZUA	APC Control
Q1042	Transistor	DTC124TU	Power Control
Q1043	Transistor	DTA143EU	APC Control

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 FCC ID: K66VXA-120
 EXHIBIT # 8

Q1044	Transistor	DTC144EU	AGC Control
D1001	Varactor Diode	HVU350	VCO
D1002	Diode	1SS355	Ripple filter
D1003	Diode	SB40W03T	Regulator switch
D1005	Diode	HSU277	VCO Shift switch
D1006	Diode	1SS344	Chage stabilize
D1007	Diode	02CZ2.0X	Voltage limiter
D1008	Diode	1SS302	Fast switch
D1009	Diode	1SS355	SAVE switch
D1010	Diode	MA721	DC-DC Osc.
D1011	Diode	DAN202K	TX/RX switch
D1012	Diode	RN739F	Modulator
D1013	Diode	1SS302	Noise detect
D1014	Diode	RN739F	Power atteneter
D1015	Diode	1SS302	IF level limiter
D1016	Varactor Diode	HVU350	BPF tune
D1017	Varactor Diode	HVU350	BPF tune
D1018	Varactor Diode	HVU350	BPF tune
D1019	Diode	RLS135	Antenna switch
D1020	Diode	RLS135	Antenna switch
D1021	Diode	1SS302	RF level limiter
D1022	Diode	1SS321	Power detect
D1023	Varactor Diode	HVU350	BPF tune
D1024	Diode	MA111	ANL
D1027	Diode	RD5.1UMB2	Voltage limiter