

VX-3200V COMPONENT APPLICATION

	Address	Device name	Description	Application
BR008050* RF-UNIT	D 1001	Diode	RLS135 TE-11	RF Limiting
	D 1002	Diode	BAS316	RF Limiting
	D 1003	Diode	DSA3A1	Reverse Voltage Protection
	D 1004	Diode	P6KA18	Reverse Voltage Protection
	D 1005	Diode	UM9957F/TR	Antenna Switch
	D 1006	Diode	BAS316	APC Switch
	D 1007	Diode	UM9957F/TR	Antenna Switch
	D 1008	Varactor Diode	HVU306A5TRF	BPF Tune
	D 1009	Diode	BAS316	APC
	D 1010	Varactor Diode	HVU306A5TRF	BPF Tune
	D 1011	Diode	HSM88AS TR	Power Detector
	D 1012	Diode	HSM88AS TR	Power Detector
	D 1013	Varactor Diode	HVU306A5TRF	RX VCO
	D 1014	Varactor Diode	HVU306A5TRF	RX VCO
	D 1015	Varactor Diode	HVU306A5TRF	TX VCO
	D 1016	Varactor Diode	HVU306A5TRF	TX VCO
	D 1017	Varactor Diode	1SV214 TPH	TX MOD
	D 1018	Varactor Diode	HVU306A5TRF	BPF Tune
	D 1019	Varactor Diode	HVU306A5TRF	BPF Tune
	D 1020	Varactor Diode	HVU300A-TR	Temp. Control for PLL REF
	D 1021	Diode	BAS316	Un Lock
	D 1022	Diode	1SS321 TE85R	Tx/Rx RF Switch
	D 1023	Varactor Diode	HVU359TRF	Temp. Control for PLL REF
	D 1024	Diode	MC2848-T11-1	2nd IF Filter Switch
	D 1025	Diode	HZM5.6NB2 TR	Protection
	D 1026	Diode	MC2848-T11-1	2nd IF Filter Switch
	D 1027	Diode	BAS316	Temp. Control for TX Driver
	D 1028	Diode	HZU5ALL-TR	SW
	D 1029	Varactor Diode	HVU359TRF	TX MOD
	D 1030	Diode	HZM5.6NB2 TR	5V Regulator
	D 1031	Diode	UM9957F/TR	Antenna Switch
	D 1032	Varactor Diode	HVU306A5TRF	RX VCO
	D 1033	Varactor Diode	HVU306A5TRF	RX VCO
	D 1501	Diode	MC2850-T11-1	Protection
	D 1502	Diode	MC2850-T11-1	Protection
	D 1503	Diode	MC2850-T11-1	Protection
	D 1504	Diode	BAS316	External PTT
	D 1505	Diode	D1F20-4063	Protection
	D 1506	Diode	MC2850-T11-1	SQ Noise Detector
	D 1507	Diode	MC2850-T11-1	SQ Noise Detector
	D 1508	not used		
	Q 1001	Transistor	2SC4154-T11-1E	Clock Triple
	Q 1002	Transistor	2SC4154-T11-1E	Temperature Switch
	Q 1003	IC	NJM2902V	APC COMP
	Q 1004	Transistor	2SB1201S-TL	9V Regulator
	Q 1005	IC	MM1216ENRE	9V Regulator
	Q 1006	Transistor	RT1N241M-T11-1	TX Power Control
	Q 1007	Transistor	2SC4154-T11-1E	VCO 9V Ripple Filter
	Q 1008	IC	DTB123EK T146	Rx 9V Switch
	Q 1009	Transistor	2SB1132 T100 R	TX 9V Switch
	Q 1010	Transistor	IMH6A T108	TX/Rx Switch
	Q 1011	Transistor	2SC3356-T2B R25	RF Amplifier
	Q 1012	Transistor	RT1N241M-T11-1	MOD Mute Switch
	Q 1013	Transistor	2SK508-T2B K52	RX Voltage Control Oscillator
	Q 1014	Transistor	2SC4154-T11-1E	Temperature Switch
	Q 1015	Transistor	2SC5107-O(TE85R)	TX Voltage Control Oscillator
	Q 1016	Transistor	RT1N241M-T11-1	RX VCO Switch
	Q 1017	Transistor	IMH6A T108	TX VCO Switch
	Q 1018	Transistor	2SC5107-O(TE85R)	Buff AMP
	Q 1019	IC	M5223AGP 600C	AF Modulation
	Q 1020	Transistor	2SC5107-O(TE85R)	Buff AMP
	Q 1021	Transistor	2SC5107-O(TE85R)	Buff AMP
	Q 1023	IC	MB15A02PFV1-G-BND-EF	PLL Subsystem
	Q 1024	IC	NJM78L05UA TE1	5V Regulator
	Q 1025	Transistor	2SC5415E-TD	TX Driver AMP
	Q 1026	Transistor	2SC5107-O(TE85R)	TX Driver AMP
	Q 1027	Transistor	2SC4116GR TE85R	Reference Oscillator
	Q 1028	IC	TA31136FN(EL)	IF Subsystem
	Q 1029	Transistor	2SC4215Y TE85R	IF AMP
	Q 1030	Transistor	RT1N241M-T11-1	Wide/Narrow Switch
	Q 1031	Transistor	2SA1602A-T11-1F	RX Wide/Narrow Switch
	Q 1032	Transistor	RT1N241M-T11-1	Temperature Switch
	Q 1033	Transistor	RT1N241M-T11-1	TX Power Control
	Q 1034	Transistor	2SC4154-T11-1E	Ripple Filter
	Q 1035	Transistor	2SA1162GR TE85R	Charge Pump
	Q 1036	Transistor	2SC2712GR TE85R	Charge Pump
	Q 1037	Transistor	2SC4215Y TE85R	IF AMP
	Q 1038	IC	GN2011-Q(TX)	Mixer
	Q 1039	IC	RA60H1317M	RF Power MODULE
	Q 1040	Transistor	2SC4215Y TE85R	MIXER 5V Ripple Filter
	Q 1501	Transistor	2SC4154-T11-1E	5V Regulator
	Q 1502	Transistor	RT1N241M-T11-1	SB Switch
	Q 1503	IC	NJM2902V-TE1	AF AMP/SQL
	Q 1504	Transistor	2SD1368CB TL	H A/G Switch
	Q 1505	Transistor	2SC4116GR TE85R	H A/G Switch
	Q 1506	Transistor	RT1N241M-T11-1	IG Switch
	Q 1507	Transistor	RT1N241M-T11-1	H A Switch
	Q 1508	Transistor	PDTC114TE	AF Mute
	Q 1509	IC	TDA2003H	AF Power AMP
	Q 1510	Transistor	PDTC114TE	SQL Switch
	Q 1511	Transistor	2SB1301-T2 ZQ	AF Power AMP Switch
	Q 1512	Transistor	RT1N241M-T11-1	AF Power AMP Switch
	Q 1513	Not Used		
	Q 1514	Not Used		
	Q 1515	FET	2SJ125D-T12-1D	AF Mute

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	Address	Device name	Description	Application
BR007630* PANEL-UNI	Q 1518	FET	RT1N241M-T11-1	AF Mute
	D 2001	Diode	DA221	Protector
	D 2002	Diode	DA221	Protector
	D 2003	Diode	DA221	Reset
	D 2004	LED	BRPG1211C	RX/TX LED
	D 2005	Diode	DA221	Protector
	D 2006	LED	TLOU262	Back Light LED
	D 2007	Diode	MA2S111	Protector
	D 2008	LED	TLOU262	Back Light LED
	D 2009	Diode	DA221	PSK Detector
	D 2010	Diode	MA2S111	Protector
	D 2011	Diode	MC2846	Protector
	D 2012	Diode	DA221	Protector
	D 2013	Diode	DA221	DCS Detector
	D 2014	Diode	MA2S111	Switch
	D 2015	Diode	MA2S111	KEY Matrix Switch
	D 2016	Diode	MA2S111	KEY Matrix Switch
	D 2017	Diode	MA2S111	KEY Matrix Switch
	D 2018	Not Used		
	D 2019	Not Used		
	D 2020	Not Used		
	D 2021	Not Used		
	D 2022	Not Used		
	D 2023	Not Used		
	D 2024	Not Used		
	D 2025	Not Used		
	D 2026	Not Used		
	D 2027	Diode	MA2S111	KEY Matrix Switch
	D 2028	Diode	MA2S111	KEY Matrix Switch
	D 2029	Diode	MA2S111	KEY Matrix Switch
	D 2030	Diode	MA2S111	KEY Matrix Switch
	D 2031	Diode	MA2S111	KEY Matrix Switch
	D 2032	Diode	MA2S111	KEY Matrix Switch
	Q 2001	Transistor	2SC4617	RESET Switch
	Q 2002	Transistor	2SC4617	RXD Switch
	Q 2003	Transistor	S-80735SN	Power Down
	Q 2004	Transistor	2SC4617	RESET
	Q 2005	Transistor	2SC4617	TXD Switch
	Q 2006	Transistor	NJM78L05UA	5V Regulator
	Q 2007	Transistor	2SC4617	Clock Shift
	Q 2008	Transistor	RT1N241M	LAMP LED Drive
	Q 2009	Transistor	RT1P441U	SEL Switch
	Q 2010	Transistor	RT1N241M	RX LED Drive
	Q 2011	IC	S-93C56AMFN-TB	Programmable Data Store
	Q 2012	Not Used		
	Q 2013	IC	LC87F72C8A-F5N19	Microprocessor
	Q 2014	IC	M62364FP 600D	D/A Converter
	Q 2015	IC	NJM2902V	AF AMP/Pre-Emphasis/PSK Detect
	Q 2016	IC	IC AK2345(TAPE)	Base Band IC
	Q 2017	IC	IC LA8630M	Compander
	Q 2019	Transistor	PDTC144EE	Compander Switch
	Q 2020	Transistor	2SC4617	DCS Encode
	Q 2021	IC	NJM2902V	DCS Decode Detect/DCS Encode Filter/ D/A Converter Reference
	Q 2022	IC	NJM2902V	DTMF Encode/AF AMP/De-Emphasis
	Q 2024	IC	BU4066BF	Analog Switch
	Q 2025	Transistor	RT1N241M	TX LED Drive