

VR-5000 Component Application

Location	Type	Nomenclature	Application
D 2001	DIODE	DAN235U TL	SW
D 2002	DIODE	DAN235U TL	SW
D 2004	DIODE	HVU355TRF	BPF
D 2005	DIODE	HVU355TRF	BPF
D 2006	DIODE	1SS355	PROTECT
D 2007	DIODE	HVM17	BPF
D 2008	VARISTOR	MA28T-A	LOCAL OSC
D 2009	DIODE	1SS355	PROTECT
D 2010	DIODE	1SS355	PROTECT
D 2011	DIODE	HVU355	BPF
D 2012	DIODE	HVU355	BPF
D 2013	DIODE	HVM17	BPF
D 2014	DIODE	HVU359	LOCAL OSC
D 2015	DIODE	HVU359	LOCAL OSC
D 2016	DIODE	1SS355	PROTECT
D 2017	DIODE	1SS318	SW
D 2018	DIODE	1SS318	SW
D 2019	DIODE	DAN235U	SW
D 2020	DIODE	DAN235U	SW
D 2021	DIODE	DAN235U	SW
D 2022	DIODE	1SS318	SW
D 2023	DIODE	1SS318	SW
D 2024	DIODE	HVU350	REF. OSC
D 2025	DIODE	HVU350	REF. OSC
D 2026	DIODE	HVU359	BPF
D 2027	DIODE	HVU359	BPF
D 2028	DIODE	HVR100	BPF
D 2030	DIODE	HVM17	BPF
D 2031	DIODE	HVM17	BPF
D 2032	DIODE	1SS355	LOCAL OSC
D 2033	DIODE	SVC341L	BPF
D 2034	DIODE	HVU359	BPF
D 2035	DIODE	HVU355	VCO
D 2036	DIODE	HVU359	BPF
D 2037	DIODE	HVM17	BPF
D 2038	DIODE	HVR100	BPF
D 2039	DIODE	HVM17	BPF
D 2040	DIODE	SVC341L	BPF
D 2041	DIODE	DAN235U	SW
D 2042	DIODE	DAN235U	SW
D 2043	DIODE	1SS318	SW
D 2044	DIODE	1SS318	SW
D 2045	DIODE	1SS318	SW
D 2046	DIODE	1SS318	SW
D 2047	DIODE	1SS318	SW
D 2048	DIODE	1SS318	SW
D 2049	DIODE	1SS318	SW
D 2050	DIODE	1SS355	CONTROL
D 2051	DIODE	HVU355	VCO
D 2052	DIODE	1SS355	CONTROL
D 2053	DIODE	HVU359	VCO
D 2054	DIODE	1SS318	SW
D 2056	DIODE	DAN235U	SW
D 2057	DIODE	HVU355	VCO

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D 2058	DIODE	1SS318	SW
D 2059	DIODE	HVU355	VCO
D 2060	DIODE	DAN235U	SW
D 2061	DIODE	HVU355	VCO
D 2062	DIODE	1SS355	CONTROL
D 2063	DIODE	1SS318	SW
D 2064	DIODE	DAN235U	SW
D 2065	DIODE	DAN202K	CONTROL
D 2066	DIODE	DAN202K	CONTROL
D 2067	DIODE	DAN235U	SW
D 2070	DIODE	DAN202K	ATT
D 2071	DIODE	DAN202K	SW
D 2072	DIODE	DAN235U	SW
D 2073	DIODE	DAN235U	SW
D 2074	DIODE	21DQ04	PROTECT
D 2075	SURGE ABSORBER	DSP201M-S00B	PROTECT
D 2076	DIODE	1SS270	PLL SUBSYSTEM
D 2077	DIODE	1SS270	PLL SUBSYSTEM
Q 2001	IC	M5223AFP	BPF TUNE
Q 2002	IC	M5223AFP	PLL SUBSYSTEM
Q 2003	IC	M5223AFP	PLL SUBSYSTEM
Q 2004	TRANSISTOR	DTC114EK	PLL SUBSYSTEM
Q 2005	TRANSISTOR	DTC114EK	CONTROL
Q 2006	TRANSISTOR	2SC4116GR	BUFF
Q 2007	TRANSISTOR	2SC4116GR	BUFF
Q 2008	TRANSISTOR	IMD3	CONTROL
Q 2009	TRANSISTOR	DTC114EK	CONTROL
Q 2010	TRANSISTOR	DTC114EK	PLL SUBSYSTEM
Q 2011	IC	NJM78L09UA	REG
Q 2012	IC	NJM78L05UA	REG
Q 2013	IC	UPC2711T	BUFF
Q 2014	TRANSISTOR	DTC114EK	CONTROL
Q 2015	TRANSISTOR	DTC114EK	CONTROL
Q 2016	FET	2SK210GR	BUFF
Q 2017	IC	L78M05T	REG
Q 2018	IC	MB15A02PFV1-G	PLL SUBSYSTEM
Q 2019	FET	3SK228XR	SW
Q 2020	FET	3SK228XR	SW
Q 2021	FET	3SK228XR	SW
Q 2022	TRANSISTOR	2SC4116GR	REF. OSC
Q 2023	TRANSISTOR	2SC4116GR	LOCAL OSC
Q 2024	IC	NJM78L09UA	REG
Q 2025	IC	UPC2711T	RF AMP
Q 2027	TRANSISTOR	2SC4116GR	LOCAL OSC
Q 2028	TRANSISTOR	2SC4116GR	TEMP. CONTROL
Q 2029	TRANSISTOR	2SA1586Y	TEMP. CONTROL
Q 2030	TRANSISTOR	2SC3356	VCO
Q 2031	FET	3SK228XR	SW
Q 2032	FET	3SK228XR	SW
Q 2033	FET	3SK228XR	1st MIX
Q 2034	TRANSISTOR	2SC3585	1st MIX
Q 2035	TRANSISTOR	2SC3356	VCO
Q 2036	IC	UPC2711T	BUFF
Q 2037	TRANSISTOR	2SA1586Y	PLL SUBSYSTEM

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Location	Type	Nomenclature	Application
Q 2038	IC	NJU7201U30	PLL SUBSYSTEM
Q 2039	TRANSISTOR	FMC3	CONTROL
Q 2040	TRANSISTOR	2SC3356	VCO
Q 2041	TRANSISTOR	2SC3356	PLL SUBSYSTEM
Q 2042	TRANSISTOR	FMC3	CONTROL
Q 2043	TRANSISTOR	FMC3	CONTROL
Q 2044	TRANSISTOR	FMC3	CONTROL
Q 2045	FET	3SK228XR	AGC
Q 2047	TRANSISTOR	2SC3356	VCO
Q 2048	TRANSISTOR	FMC3	CONTROL
Q 2049	TRANSISTOR	FMC3	CONTROL
Q 2050	TRANSISTOR	FMC3	CONTROL
Q 2051	TRANSISTOR	FMC3	CONTROL
Q 2052	TRANSISTOR	2SC3356	VCO
Q 2053	TRANSISTOR	FMC3	CONTROL
Q 2054	TRANSISTOR	FMC3	CONTROL
Q 2055	IC	MB15E05PFV1	PLL SUBSYSTEM
Q 2056	TRANSISTOR	2SC3585	1st MIX
Q 2058	TRANSISTOR	FMC3	CONTROL
Q 2059	IC	BU4094BCFV	CONTROL
Q 2060	TRANSISTOR	FMC3	CONTROL
Q 2061	TRANSISTOR	2SC3120	BUFF
Q 2062	IC	NJM78L09UA	REG
Q 2063	IC	UPC2711T	BUFF
Q 2064	FET	3SK228XR	1st MIX
Q 2065	TRANSISTOR	FMC3	CONTROL
Q 2066	TRANSISTOR	FMC3	CONTROL
Q 2067	TRANSISTOR	2SC3356	VCO
Q 2068	IC	UPC2710T	BUFF
Q 2069	TRANSISTOR	FMC3	CONTROL
Q 2070	TRANSISTOR	2SC3356	VCO
Q 2071	TRANSISTOR	DTC114EK	CONTROL
Q 2072	IC	BU4094BCFV	CONTROL
Q 2073	TRANSISTOR	FMS1	CONTROL
Q 2074	TRANSISTOR	FMS1	CONTROL
Q 2075	IC	UPC2711T	BUFF
Q 2076	TRANSISTOR	FMC3	CONTROL
Q 2077	TRANSISTOR	DTC114EK	CONTROL
Q 2078	TRANSISTOR	DTC114EK	PLL SUBSYSTEM
Q 2079	TRANSISTOR	FMS1	ATT
Q 2080	TRANSISTOR	2SC3420GR	PROTECT
[IF-UNIT]			
D 3002	DIODE	HVU359	LOCAL OSC
D 3003	DIODE	HVU359	LOCAL OSC
D 3004	VARISTOR	MA28T-A	LOCAL OSC
D 3005	DIODE	HVU355	BUFF
D 3007	DIODE	DA204K	LIMITTER
D 3008	DIODE	1SS355	LOCAL OSC
D 3009	DIODE	HVU355	VCO
D 3010	DIODE	1SS355	NOISE BLANKER
D 3011	DIODE	HVU355	BUFF
D 3012	DIODE	DAN202K	SW
D 3013	DIODE	1SS355	NOISE BLANKER
D 3014	DIODE	DA204K	NOISE BLANKER

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Location	Type	Nomenclature	Application
D 3015	DIODE	DAN202K	CONTROL
D 3016	DIODE	DA204K	BUFF
D 3017	DIODE	DAN202K	CONTROL
D 3018	DIODE	1SS355	SW
D 3019	DIODE	1SS355	SW
D 3020	DIODE	1SS355	SW
D 3021	DIODE	DAN202K	SW
D 3022	DIODE	1SS355	SW
D 3023	DIODE	1SS355	SW
D 3024	DIODE	1SS355	SW
D 3025	DIODE	1SS355	SW
D 3026	DIODE	1SS355	SW
D 3027	DIODE	1SS355	SW
D 3028	DIODE	DA204K	SCAN FILTER
D 3029	DIODE	DA204K	BUFF
D 3030	DIODE	DAN202K	CONTROL
D 3031	DIODE	1SS355	SW
D 3032	DIODE	1SS355	SW
D 3033	DIODE	1SS355	SW
D 3034	DIODE	1SS355	CONTROL
D 3035	DIODE	1SS355	CONTROL
D 3036	DIODE	1SS355	CONTROL
D 3037	DIODE	1SS355	CONTROL
D 3038	DIODE	1SS355	CONTROL
Q 3001	IC	M5223AFP	PLL SUBSYSTEM
Q 3002	IC	M5223AFP	BUFF
Q 3003	IC	TC4W66F	SW
Q 3004	IC	NJM2902M	BUFF
Q 3005	IC	BU4066BF	SW
Q 3006	IC	M5223AFP	CW/SSB AMP
Q 3007	TRANSISTOR	2SC3120	BUFF
Q 3008	TRANSISTOR	2SC1623	POWER SW
Q 3009	FET	3SK228XR	BUFF
Q 3010	TRANSISTOR	2SB1134R	POWER SW
Q 3011	TRANSISTOR	DTC114EK	PLL SUBSYSTEM
Q 3012	TRANSISTOR	2SC4116GR	BUFF
Q 3013	IC	LA4425A	AF PA
Q 3014	TRANSISTOR	FMW1 T98	NOISE BLANKER
Q 3015	IC	KIA7808API	REG
Q 3016	TRANSISTOR	2SC3120	BUFF
Q 3017	FET	3SK228XR	3rd MIX
Q 3018	IC	MB15A02PFV1	PLL SUBSYSTEM
Q 3019	TRANSISTOR	2SC4116GR	LOCAL OSC
Q 3020	TRANSISTOR	FMC3	CONTROL
Q 3021	TRANSISTOR	FMC3	CONTROL
Q 3022	TRANSISTOR	FMC3	CONTROL
Q 3023	TRANSISTOR	FMC3	CONTROL
Q 3024	TRANSISTOR	FMW1	NOISE BLANKER
Q 3025	TRANSISTOR	2SC2620QB	BUFF
Q 3026	TRANSISTOR	2SC2620QB	SSB CARRIER
Q 3027	TRANSISTOR	DTC114EK	CONTROL
Q 3028	IC	BU4094BCFV	CONTROL
Q 3030	TRANSISTOR	2SC4116GR	LOCAL OSC
Q 3031	TRANSISTOR	DTC114EK	CONTROL

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Location	Type	Nomenclature	Application
Q 3032	FET	3SK228XR	2nd MIX
Q 3033	TRANSISTOR	2SC2620QB	CW/SSB AMP
Q 3034	TRANSISTOR	FMC3	CONTROL
Q 3035	TRANSISTOR	FMC3	CONTROL
Q 3036	TRANSISTOR	DTC114EK	NOISE BLANKER
Q 3037	FET	3SK228XR	BUFF
Q 3038	TRANSISTOR	DTC114EK	CONTROL
Q 3039	IC	SN16913P	CW/SSB AMP
Q 3040	TRANSISTOR	2SC1623	IF SUBSYSTEM
Q 3041	TRANSISTOR	2SC2620QB	BUFF
Q 3042	TRANSISTOR	2SC1623	NOISE BLANKER
Q 3043	FET	3SK228XR	2nd MIX
Q 3044	TRANSISTOR	FMC3	CONTROL
Q 3045	TRANSISTOR	FMC3	CONTROL
Q 3046	TRANSISTOR	2SC2620QB	SSB CARRIER
Q 3047	TRANSISTOR	DTB123YK	CONTROL
Q 3048	TRANSISTOR	2SC1623	NOISE BLANKER
Q 3049	TRANSISTOR	2SC3356	VCO
Q 3050	TRANSISTOR	DTB123YK	CONTROL
Q 3051	TRANSISTOR	2SC2620QB	BUFF
Q 3052	TRANSISTOR	2SC3356	VCO
Q 3053	TRANSISTOR	IMH5	CONTROL
Q 3054	TRANSISTOR	2SC1623	SCAN FILTER
Q 3055	FET	3SK228XR	3rd MIX
Q 3056	IC	LA1145M	IF SUBSYSTEM
Q 3057	TRANSISTOR	2SA1586Y	PLL SUBSYSTEM
Q 3058	IC	NJM567M	SCAN FILTER
Q 3059	TRANSISTOR	2SC3356	PLL SUBSYSTEM
Q 3060	TRANSISTOR	2SC3356	VCO
Q 3061	IC	TK10931V	IF SUBSYSTEM
Q 3062	TRANSISTOR	2SC2620QB	BUFF
Q 3063	TRANSISTOR	2SC1623	SCAN FILTER
Q 3064	TRANSISTOR	DTC114EK	CONTROL
Q 3065	TRANSISTOR	DTC114EK	CONTROL
Q 3066	TRANSISTOR	FMC3	CONTROL
Q 3067	TRANSISTOR	2SC1623	SCAN FILTER
Q 3068	TRANSISTOR	2SC4116GR	IF SUBSYSTEM
Q 3069	IC	TK10931VT1	IF SUBSYSTEM
Q 3070	TRANSISTOR	FMC3	CONTROL
Q 3071	TRANSISTOR	FMC3	CONTROL
Q 3072	TRANSISTOR	FMC3	CONTROL
Q 3073	TRANSISTOR	DTC114EK	PLL SUBSYSTEM
Q 3075	TRANSISTOR	2SC2620QB	BUFF
Q 3076	IC	KIA7808API	REG
Q 3077	IC	NJM78L05UA	REG
Q 3078	IC	NJM78L09UA	REG
Q 3080	TRANSISTOR	DTC114EK	CONTROL
[CNTL-UNIT]			
D 5001	DIODE	HZM7C	REG
D 5002	DIODE	1SS355	REG
D 5003	DIODE	DAN202K	REG
D 5004	DIODE	DAN202K	REG
D 5005	DIODE	DAN202K	REG
D 5006	DIODE	DA204K	LIMITTER

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Location	Type	Nomenclature	Application
D 5007	LED	NSPW310BS	BACK LIGHT
D 5008	LED	NSPW310BS	BACK LIGHT
D 5009	LED	NSPW310BS	BACK LIGHT
D 5010	LED	NSPW310BS	BACK LIGHT
Q 5001	TRANSISTOR	2SA1179M6	REG
Q 5002	IC	NJM78L05UA	REG
Q 5003	IC	RH5VL45AA	RESET
Q 5004	IC	NJM78L05UA	REG
Q 5005	TRANSISTOR	DTC124EK	CONTROL
Q 5007	IC	ADM232LJR	CAT DRIVER
Q 5008	IC	HD6473048SF16	MAIN CPU
Q 5009	IC	HD6473337YF16	SUB CPU
Q 5010	TRANSISTOR	DTC124EK	CONTROL
Q 5011	TRANSISTOR	2SC1623	DIMMER
Q 5012	TRANSISTOR	2SA1182Y	DIMMER
Q 5013	IC	BU4094BCFV	CONTROL
Q 5014	TRANSISTOR	2SC1623	BUFF
Q 5015	TRANSISTOR	2SC1623	BUFF
Q 5016	LCD MODULE	NCM1703A	DISPLAY
Q 5017	IC	LE28C1001AT-12	EEPROM
Q 5018	IC	NJM2904M	BUFF
Q 5019	IC	BU4066BF	SW
Q 5020	IC	BU4066BF	SW
Q 5021	IC	NJM2904M	BUFF
Q 5022	IC	NJM2904M	BUFF
Q 5023	IC	NJM2903M	BUFF
Q 5024	IC	BU4081BF	CONTROL
Q 5025	IC	BU4081BF	CONTROL