

VR-500 COMPONENT APPLICATION

Address	Device name	Description	Application
[uCOM-UNIT]			
Q101	IC	HD643363/A11X	MICROPROCESSOR
Q102	IC	RN5VL20AA	RESET SW
Q103	DIODE	1SS382	SW
Q104	TRANSISTOR	UMG2N	BATT SW
Q105	IC	S-80818ALNP	BATT SW
Q106	DIODE	1SS382	SW
Q107	DIODE	1SS382	SW
Q108	TRANSISTOR	DTA144EE	SW
Q109	IC	X24128S14I-2.5	EEPROM
Q110	DIODE	1SS382	SW
Q111	DIODE	1SS382	SW
Q112	LCD	HLM7343	LCD/LCD DRIVER
Q113	TRANSISTOR	DTA144EE	SW
Q114	TRANSISTOR	2SD999	LED DRIVER
Q115	LED	AY1111C	LED
Q116	LED	AY1111C	LED
Q117	LED	AY1111C	LED
Q118	LED	AY1111C	LED
Q119	LED	AY1111C	LED
Q120	TRANSISTOR	2SD999	LED DRIVER
Q121	LED	LUB1063X	LED
Q122	DIODE	MA279	SW
Q125	DIODE	MA279	SW
Q126	TRANSISTOR	2SD999	CONTRAST
Q127	TRANSISTOR	DTC114TE	CHARGE DET
[AF-UNIT]			
Q301	IC	NJM2130F	DEFERENTIAL AMP
Q302	IC	TA3116FN	IF SUBSYSTEM
Q303	TRANSISTOR	DTA144EE	10V DDC
Q304	DIODE	HVU17	REF SHIFT
Q305	DIODE	1SS314	SW
Q306	DIODE	1SS314	SW
Q307	DIODE	1SS314	SW
Q308	DIODE	1SS314	SW
Q309	DIODE	1SS314	SW
Q310	DIODE	1SS314	SW
Q311	TRANSISTOR	2SC4617R	IF AMP
Q312	TRANSISTOR	DTC144EE	AGC AMP
Q313	TRANSISTOR	2SD1823S	AGC AMP
Q314	TRANSISTOR	2SC4617R	IF AMP
Q315	DIODE	MA729	AM DET
Q316	TRANSISTOR	2SC4617R	IF AMP
Q317	TRANSISTOR	2SC4617R	BFO
Q318	DIODE	HVU17	BFO
Q319	DIODE	MA742	RING DET
Q320	DIODE	MA742	RING DET
Q321	DIODE	UMG2N	BFO SW
Q322	IC	TC4066BFT	ANALOG SW
Q323	IC	BU4094BCFV	SHIFT RESISTER
Q324	TRANSISTOR	UMA2N	SW
Q325	TRANSISTOR	DTA123YU	SW
Q326	IC	S-81330HG	3V REG
Q327	DIODE	MA279	3V REG
Q328	IC	RH5RH331A	3V REG
Q329	DIODE	MA279	10V DDC
Q330	IC	S-8323050MC-E3E-T2	10V DDC
Q331	TRANSISTOR	DTC144EE	SW
Q332	TRANSISTOR	DTA143EE	SW
Q333	DIODE	UMX2N	PRE AMP
Q334	TRANSISTOR	2SA1588	AMP REG
Q335	TRANSISTOR	UMW1	AMP REG
Q336	TRANSISTOR	2SA1588A	SPEAKER AMP
Q337	IC	TA31056F	SPEAKER AMP
Q338	DIODE	EP05Q03L	EXT DC REG
Q339	DIODE	EP05Q03L	EXT DC REG
Q340	IC	NJM2360A	EXT DC REG
Q341	DIODE	EP05Q03L	EXT DC REG
Q342	TRANSISTOR	2SC4617R	IF AMP
Q344	TRANSISTOR	DTC144EE	SW
Q346	DIODE	1SV271	IF AMP

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EXHIBIT #: SA

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Address	Device name	Description	Application
[RF-UNIT]			
Q501	DIODE	1SS302	PROTECTOR
Q502	DIODE	1SS364	SW
Q503	DIODE	1SS364	SW
Q504	TRANSISTOR	DTA144EE	ATT SW
Q505	DIODE	HVU131	SW
Q506	DIODE	HVU131	SW
Q507	DIODE	HVU131	SW
Q508	TRANSISTOR	2SC5006	RF AMP/AGC
Q509	DIODE	HVU131	SW
Q510	DIODE	HVU131	SW
Q511	DIODE	1SS314	SW
Q512	DIODE	HVU131	SW
Q513	TRANSISTOR	2SC4215Y	RF AMP/AGC
Q514	DIODE	HVU131	SW
Q515	DIODE	1SS314	SW
Q516	DIODE	HVU131	SW
Q517	TRANSISTOR	2SC5006	RF AMP/AGC
Q518	TRANSISTOR	2SC5006	RF AMP/AGC
Q519	DIODE	HVU131	SW
Q520	TRANSISTOR	2SC5006	RF AMP/AGC
Q521	DIODE	HVU131	SW
Q522	DIODE	HVU131	SW
Q523	TRANSISTOR	2SC5006	RF AMP/AGC
Q524	TRANSISTOR	2SC5010	RF AMP
Q525	DIODE	1SS314	SW
Q526	IC	uPC2748T	RF AMP
Q527	DIODE	1SS314	SW
Q528	IC	uPC2757T	1st mix
Q529	DIODE	1SS364	SW
Q530	TRANSISTOR	2SC5006	AMP
Q531	DIODE	1SS314	SW
Q532	TRANSISTOR	2SC5006	AMP
Q533	DIODE	1SS314	SW
Q534	FET	3SK318	2ND MIX
Q535	TRANSISTOR	2SC4215Y	2ND IF AMP/AGC
Q536	TRANSISTOR	2SC5006	AMP
Q537	TRANSISTOR	2SC5006	2nd LOCAL VCO
Q538	TRANSISTOR	2SC5006	2nd LOCAL VCO
Q539	DIODE	1SS371	2nd LOCAL VCO
Q540	DIODE	HVC350B	2nd LOCAL VCO
Q541	IC	MB15F2	PLL SUBSYSTEM
Q542	TRANSISTOR	2SC4617	REF OSC
Q543	FET	2SK1580	LPF
Q544	TRANSISTOR	UMG2N	SHIFT SW
Q545	TRANSISTOR	UMA2N	SW
Q546	TRANSISTOR	UMA2N	SW
Q547	TRANSISTOR	UMA2N	SW
Q548	TRANSISTOR	UMA2N	SW
Q549	IC	BU4094BCFV	SHIFT RESISTER
Q550	TRANSISTOR	UMA2N	SW
Q551	TRANSISTOR	UMA2N	SW
Q552	TRANSISTOR	BU4094BCFV	SHIFT RESISTER
Q553	IC	UMA2N	SW
Q554	DIODE	HVC350B	2nd LOCAL VCO
Q555	DIODE	HVU131	SW
Q556	DIODE	HVU131	SW
Q557	DIODE	HVU131	SW
Q558	DIODE	HVU131	SW
Q559	DIODE	HVU131	SW
[VCO-UNIT]			
Q701	DIODE	1SS364	SW
Q702	TRANSISTOR	uPA811T	AMP
Q703	TRANSISTOR	2SC5010	AMP
Q704	TRANSISTOR	DTC144EE	SW
Q705	TRANSISTOR	2SC5010	1st LOCAL VCO
Q706	DIODE	HVE355	1st LOCAL VCO
Q707	DIODE	HVE355	1st LOCAL VCO
Q708	DIODE	1SS371	1st LOCAL VCO
Q709	TRANSISTOR	uPA811T	AMP
Q710	TRANSISTOR	DTC144EE	SW
Q711	TRANSISTOR	2SC5006	1st LOCAL VCO
Q712	DIODE	HVE350B	1st LOCAL VCO
Q713	DIODE	HVE350B	1st LOCAL VCO
Q714	DIODE	1SS371	1st LOCAL VCO

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