

## LIST OF SEMICONDUCTOR OR ACTIVE CIRCUIT COMPONENTS

### 1 . SYSTEM CABINET NCR-330

#### 1.1 RECEIVER BOARD CMN-2330

##### Diodes

CD1	HSK83-TR	Switching
CD2	HSK83-TR	Switching
CD3	SFPB-76	Switching
CD4	HSK83-TR	Switching
CD5	1SS352_TPH3	Circuit Protector
CD6	1SS352_TPH3	Relay Protector
CD7	1SS352_TPH3	Relay Protector
CD8	S3V60	Circuit Protector
CD9	ERZ-V14D390	Circuit Protector
CD10	HSK83-TR	Switching
CD11	HSK83-TR	Switching
CD12	HSK83-TR	Switching
CD13	HZ2.0BP	Voltage Limiter
CD14	HZ2.0BP	Voltage Limiter
CD15	HZ2.0BP	Voltage Limiter
CD16	HZ2.0BP	Voltage Limiter
CD17	HZ5ALLRE	Voltage Limiter
CD18	HZ5ALLRE	Voltage Limiter
CD19	1SS352_TPH3	Circuit Protector
CD20	HSK83-TR	Switching
CD21	HSK83-TR	Switching
CD22	HZ12A2	Voltage Limiter
CD23	HZ24-2	Voltage Limiter
CD24	1SS352_TPH3	Circuit Protector

##### Integrated Circuit

IC1	HA12411	IF Amp
IC2	LM2576S-5.0	Regulator
IC3	NJM386D	Power Amp
IC4	NJM1496M-T1	Modulator
IC5	TC4520BF_EL_N	Counter
IC6	NJM2904M-T1	Signal Supply Operational Amp
IC7	NJM78M05FA	Regulator
IC8	HD74LS74AFP	Dual D-type Flip-flop
IC9	NJM78M09FA	Regulator
IC10	SN75179BPS	Driver

##### Transistors

TR1	3SK101-GR	RF Amplifier
TR2	2SC2712-YTE85L	AF Amplifier
TR3	2SC2859-TE85L	Switching
TR4	2SC2859-TE85L	Switching
TR5	2SA1162-YTE85L	Switching
TR6	2SC2712-YTE85L	Switching
TR7	2SA1162-YTE85L	Switching

TR8	2SC2712-YTE85L	Switching
TR9	2SC2712-YTE85L	Switching

## 1.2 MAIN PROCESSOR BOARD CDJ-2330

### Diode

CD1	HSK83-TR	Switching
CD2	HSK83-TR	Switching
CD3	HSK83-TR	Switching

### Integrated Circuit

IC1	HD64F3434F16	CPU
IC2	TMS320C203PZ	DSP
IC3	H-7DEJD0286	ROM
IC4	H-7DEJD0287	ROM
IC5	M51953BFP	Reset Control
IC6	TC4069UBF_EL_N	HEX INVERTER
IC7	LH52256CN-85LL	RAM
IC8	AK93C45AF-E1	EEPROM
IC9	LH52256CN-85LL	RAM
IC10	LH52256CN-85LL	RAM
IC11	TD62004F-TP1	Driver
IC12	LB1256M	Driver
IC13	TCM320AC36CDW	Codec
IC14	TC74HC138AF-TP1	Decoder
IC15	H-7DDJD0002	PLD
IC16	TD62004F-TP1	Driver
IC17	TC74HCU04AF-TP1	HEX INVERTER

### Transistors

TR1	2SC2462-LC-TL	Switching
TR2	2SC2712-YTE85L	Switching
TR3	2SC2462-LC-TL	Switching