

TOSHIBA

<u>MODEL NO.</u>	<u>DESCRIPTIONS</u>
TA7063P	Pre-amplifier for car stereo
TA7066P	Universal amplifier
TA7120P	Pre-amplifier for car stereo
TA7122BP	High voltage pre-amplifier
TA7129AP	" " "
TA7130P	FM-IF amplifier with detector
TA7136AP	Pre-amplifier (dual power supply)
TA7137P	Pre-amplifier with ALC (portable use)
TA7137P-ST	Pre-amplifier with ALC (for stereo portable)
TA7139P	20W pre-amplifier
TA7140P	Voltage low power amplifier
TA7157AP	PLL multiplex
TA7158P	Analog multiplier, FM multiplex
TA7200P	3.3W audio power amplifier (16V/8 ohm)
TA7203P	2.0W audio power amplifier (14V/8 ohm, 2-dh)
TA7204P	4.2W " " " (13.2V/4 ohm)
TA7205P	5.8W " " " (13.2V/4 ohm)
TA7205AP	5.8W " " " (13.2V/4 ohm, BTL)
TA7207P	0.95W " " " (6V/4 ohm)
TA7208P	2.0W " " " (9V/8 ohm)
TA7210P-S	11W " " " (34V/8 ohm)
TA7211P	1.8W " " " (9V/8 ohm)
TA7212P	3.8W " " " (9V/8 ohm)
TA7214P	4.8W " " " (13.2V/4 ohm, 2CH)
TA7215P	2.2W " " " (9V/4 ohm, 2CH)
TA7217AP	5.8W " " " (13.2V/4 ohm)
TA7220P	Voltage, low power amplifier for headphone tape decks, etc.
TA7221P	Precision voltage regulator
TA7222AP	5.8W audio power amplifier (13.2V/4 ohm)
TA7223P	Pre-amp. with ALC, buffer and power amp. 1-0W 6V/4 ohm for tape recorder
TA7224P	Pre-amplifier with ALC, 5W power amp, level detector and meter drive (for tape rec.)
TA7225P	Pre-amp. with ALC, 4W power amp. level detector and meter drive (for tape recorder)
TA7226P	Plunger driver (-Io=5A Max)
TA7227P	5.5W audio amplifier for 2-channel (13,2V/4 ohm)

TOSHIBA

<u>MODEL NO.</u>	<u>DESCRIPTIONS</u>
TA7229P	3.9W audio power amp. for 2-channel (12V/4 ohm)
TA7302P	FM-IF amplifier
TA7303P	FM-IF, detector amp. with signal meter, muting functions.
TA7307P	Pre-amp. with ALC (for tape recorder)
TA7310P	VCO, MIX., buffer amp (CB use)
TA7312P	Low noise dual pre-amplifier
TA7313AP	0.5W audio power amplifier (6V/8 ohm)
TA7317P	Speaker protector for OCL power amp.
TA7318P	Peak power meter driver (2-channels)
TA7320P	Balanced modulator, demodulator
TA7321P	FM-IF, detector amp. with detector level controls
TA7322P	Pre-amp. for high quality stereo ($\pm$ 30V MAX)
TA7323P	PLL multiplex, (single in line package, low voltage use)
TA7324P	Muting function IC (low/high two level input)
TA7328P	Dual pre-amp. with ALC, buffer amp.
TA7611AP	PLL multiplex (low voltage use)
TA7613AP	Single chip AM/FM receiver with power amp.
TA7614AP	AM/FM/SW/SW-IF amp. (low voltage use) system
TA7615P	AM/SW ₁ /SW ₂ receiver (low voltage use) system
TA7617AP	Tape recorder deck system
TA7624P	PLL FM stereo multiplex for hi quality stereo
TA7628P	0.5W amplifier system for portable cassette tape recorder
TA7502M	Operational amplifier DC amp. (T0-5)
TA7502P	" " " (DIP)
TA7502AM	" " " (low noise)
TA7502BM	" " " (low noise low temp. drift)
TA7504P	" " " (T0-5)
TA7504S	" " " (DIP)
TA7615P	Thermo controller
TA7326P	Timer
TA7327P	Timer



TOSHIBA

MODEL NO.

DESCRIPTIONS

TA7521M	Voltage comparator (dual)
TA7521P	"
TA7612AP	LED level meter drive (brightness controller)

HITACHI

<u>MODEL NO.</u>	<u>DESCRIPTIONS</u>
HA1137W	FM IF system with muting, meter drive
HA1151	AM tuner system with meter drive
HA1197	AM tuner system with meter drive
HA1199	AM tuner for Car Radio
HA11211	AM-FM tuner system with muting, meter drive
HA11225	AM-FM tuner for Hi-Fi Equipment
HA11251	AM-FM tuner for Portable radio
HA1201	FM-IF amplifier
HA1211	FM-IF amplifier
HA12401A	FM Demodulator
HA12402	AM-FM tuner with 200mW audio power amplifier
HA12411	FM-IF tuner system for car
HA12412	FM-IF tuner system for Home equipment
HA12413	AM-FM tuner for Radio Cassette
HA12417	AM tuner system for Car
HA12418	FM-IF tuner amp. for Car
HA1156W	PLL FM stereo Demodulator
HA1196	" "
HA11223W	PLL FM stereo demodulator with pilot-canceller
HA11227	PLL FM stereo demodulator for Car & Portable
HA12016	PLL FM stereo demodulator with post-amp.
HA12018	" " for Car & Portable
HA12026	" " "
HA12001W	Tape Deck Mechanical control
HA12005	Tape Deck Recording/playback amp.
HA12006	Tape Deck Headphone amplifier.
HA12012	Pre-amplifier for 2-channel for car
HA12017	Pre-amplifier for 2 Vcc power ($\pm 26V$)
HA1406	Pre-amplifier for car
HA1452W	Pre-amplifier for 2-channel for Hi-Fi
HA1361	Low power AF amplifier with Pre-amp., AGC
HA1366W/WR	7.2W Audio Power Amp. for Car (BTL use)
HA1368/R	7.2W " " (BTL, low distortion)
HA1371	5W " for Portable (BTL use)

HITACHI

<u>MODEL NO.</u>	<u>DESCRIPTIONS</u>		
HA1374/A	7.2W	Audio Power Amplifier	for Portable(2-ch.)
HA1377/A	15W	"	for 2-channel (Car use)
HA1388	15W	"	for BTL use
HA1392	15W	"	for 2-channel
HA1394	15W	"	for Hi-Fi use
HA1397	30W	"	for Hi-Fi use ($\pm 22V$)
TBA800/AS/SH	5W	"	for Home Stereo

Integrated Curcuits for TV:

HA1126	AFT use(Automatic Fine Tuning) for Color TV		
HA11215A	TV PIF amp., RF AGC use with AFT for Color TV		
HA11440	AFT, PIF, RF AGC for color TV		
HA11442	"	"	
HA11222	Color TV Chroma Processing Cuicuit		
HA11247	"	"	
HA11412A	"	"	with Picture control
HA11417	"	"	with Auto-fresh control
HA11431	"	"	with picture control
HA11436	"	"	with Auto-fresh control
HA11235	Synchronous Signal Processing system		
HA11244)	"	"	with X-ray protection
HA11414)	"	"	
HA11423	"	"	with blacking circuit
HA1385	TV Deflection		
HA1124)	TV Sound IF amp. (HA1125 provides Voltage Stablizer)		
HA1125)			
HA11229	TV Sound IF amp. for low Vcc 3-8V		
HA1364	TV Sound IF amp. with power amp.		
TDA1035S	"	"	with DC volume control
HA1190	Electronic Switch for leak current (4-channel)		
HA1194	"	"	

MITSUBISHI

<u>MODEL NO.</u>	<u>DESCRIPTIONS</u>
<u>For Tape Recorder:</u>	
M5115P/RP	Pre-amp, tone amp. AGC, 2W Power amp.
M5130P	Stereo Dual recording amp, Meter amp.
M51301P	Dual pre-amp, meter amp. AGC
M51542L	Dual Pre-amp with ALC
M5138P	Dual Tone Amp.
M51140AP	Microphone amp, EQ amp., AGC
M51141P	Recording/Playback amp w/Batt.check, AGC, Elec. SW
M51146P	" " "
M51121P	Recording/Playback Amp., AGC, Electronic Switch
M5155L	1W, OTL Power Amp (9V, 8 ohms)
M51501L	0.4W OTL Power Amp (6V, 8 ohms)
M51503L	0.2W OPT Power Amp.(3V)
<u>For Radio:</u>	
M5215L	FM IF amp.
M51172P	FM IF amp., Quadrature Detector
M51173P	FM IF AMP., Quadrature Detector, meter driver
M5132P	FM stereo multiplexer Demodulator
M5153P	PLL FM multiplex demodulator
M51530L	" " with separation control
M51531L	" " " (reverse of M51530L)
M51532L	" " with separation control
M51011P	Impulsive Noise Suppressor
M5118L	0.25W, OTL Power amp.(6V, 8ohms, 9V 16 ohms)
M51182L	" " "
<u>For Car Stereo:</u>	
M5152L	Dual Pre-amp with regulator
M51521L	Dual Pre-amp
M51522L	Low distortion Dual pre-amp.
M51513L	5.8W OTL Power Amplifier
M51514AL	5.5W OTL Power Amp.
M51518L	5.5W OTL Power Amp.
M51515BL	Dual 5.5W OTL Power Amp. for BTL use
M51517L	Dual 5.5W OTL Power Amp. for BTL use
M51516L	12W BTL Power amp.

MODEL NO.

ML120	Pre-amplifier
M5212L	Low noise pre-amplifier
M5213L	Pre-amp. for dual Power supply
M5214L	High voltage Low noise pre - amplifier(2-channel)
M5109P	dual differential amp.
M5136P	PLL

M51177L	455kHz FM IF amp. detector
M51304L	Microphone amp. detector, AGC
M51303P	Microphone amp. detector, AGC, electronic Switch

M58435P	4.2MHz oscillation, 1024Hz alarm output, 0.5Hz (duty 50%) motor output
M50400-001P	4.2MHz oscillation, 4096Hz. 8Hz. 1Hz. alarm output, 0.5Hz (pulse width 31ms) motor output
M58437-001P	32kHz oscillation, 4096Hz. 8Hz. 1Hz alarm output, 0.5Hz (pulse width 31ms) motor output
C58400	Time keeping, calender
C58443	Time keeping, calender
C58405	Time keeping, calendar, alarm
C58403	Time keeping, calendar, alarm or stop watch (1/100 second)
C58406	Time keeping, calendar, alarm or stop watch (1/100 second)
C58407	Time keeping, calendar, alarm, stop watch (1/10 second), dual time
C58408	Time keeping, calendar, alarm, stop watch (1/10 second), timer, dual time
C50502	Time keeping, calendar, alarm, stop watch (1/10 second)

M5134P	AFT
M5135P	AFT
M5k83P	VIFamp. AGC

<u>MODEL NO.</u>	<u>MITSUBISHI</u> <u>DESCRIPTIONS</u>
M5169P	Low level video detector
M5168P	Low level video detector, video pre-amp.
M5185P	VIF amp. low level detector, AGC, AFT
M5186/AP	VIF amp. low level detector, AGC, AFT
M5187P	SECAM VIF amp. AGC, AFT
M5195P	Sync, separator, video signal processor, video out
M51380P	Video signal processor, video out, DC regeneration
M51381P	Video signal processor, video out
M51382P	Video signal processor, video out (uni-color)
M51378L	SIF amp. detector
M5143P	SIF amp. detector, electronic ATT, audio driver
M51375P	SIF amp., detector, electronic ATT, audio driver, muting
M5147P	SIFamp. detector, volume/tone control, audio out regulator
M5190P	Chroma signal processor (Injection lock type)
M5192P	Chroma DEM
M5193P	NTSC chroma signal processor (APC), chroma DEM
M5194 P/AP	PAL chroma signal processor (APC), chroma DEM
M5196P	SECAM chroma signal processor, chroma DEM
M5197P	SECAM chroma processor
M51393P	Video chroma processor for PAL
M51395P	Video chroma processor for PAL
M51371P	TV MPX sound DEM
M51372P	TV MPX sound DEM
M51640P	TV MPX sound controler
M51641P	TV MPX sound controler
M51642P	TV MPX sound controler
M54452P	1/64 High speed divider
M54456P	1/64 High speed divider
M54454P	1/256 High speed divider
M54457P	1/128, 1/256 High speed divider
M5G1400P	100 L4 bit EA-ROM
M51351P	Voltage synthesizer linear proccessor
M58486AP	Controller of voltage synthesizer

MODEL NO.DESCRIPTIONSFor LED Driver:

M51901P	12 dots LED driver
M51903L	Linear mode 5 LED driver
M51904L	Linear mode 5 LED driver
M5i910P	2 lmputs 9 dots LED with thermo control
M53248P	7 segment LED decoder driver
M74LS48P	7 segment LED decoder driver
M53247P	7 segment LED decoder driver
M74LS47P	7 segment LED decoder driver
M74LS248P	7 segment LED decoder driver
M54405P	7 segnebt LED decoder driver
M54406P	7 segment LED decoder driver



MATSUSHITA(NATIONAL)

<u>MODEL NO.</u>	<u>DESCRIPTIONS</u>
AN7145M	Dual AF amp. for BTL (7W) / Dual (2.4W)
AN7145H	" BTL (15.5W) / Dual (7.5W)
AN7146M	" BTL (4.8W) / Dual (2.4W)
AN7150	5.7W AF Power Amp.(RL 4, 2 ohms)
AN7151	5.7W " (") * Reverse pin arrge of AN7150
AN7154	5.5W " (RL 4 ohms)
AN7155	5.5W " (")
AN7156	2-channel AF Power Amp. (5.3W RL 4 ohms)
AN7156N	2-channel AF Power Amp. BTL 18W/Dual 5.5W
OM200	PG=75dB Super small AF amp. (for ear-aid)
AN101	FM noise reduction use
AN127	Low freq. amp. PG=over 75 dB
AN262	Rec/Playback amp. for Cassette recorder
AN6135	Hi-Fi Pop-noise reduction
MN3001	BBD's for Audio Signal Delays(512-pit)
MN3002	" "
MN3003	" (64)
MN3004	" (512)
MN3005	" (4096)
MN3006	" (128)
MN3007	" (1024)
MN3101	BBD clock generator/driver C MOS

MATSUSHITA (NATIONAL)

<u>MODEL NO.</u>	<u>DESCRIPTIONS</u>
AN203	FM-AM IF amp
AN210	FM-AM IF amp.
AN217	AM tuner, FM-AM IF amp.
AN253	FM-AM IF amp., Low freqcy amp.
AN259	AM-RF convertor, IF amp.
AN260	AM convertor, FM-AM IF amp., Meter driver
AN277	AM tuner, FM-AM IF amp., negative earthing
AN278	FM IF amp.
AN366	FM-AM IF amp. AM convertor $V_{dfm}=7mV$ $V_{oam}=6mV$
AN377	FM-IF amp.
AN7000	Stereo Tuner System
AN721S	AM tuner, FM-AM IF amp. $V_{cc}=3-7V$
AN7266	FM-AM IF amp.
AN115	FM stereo multiplexer
AN211	FM stereo multiplexer
AN362	PLL FM stereo multiplexer $V_{cc}=9V$
AN362L	"
AN363	PLL FM stereo multiplexer $V_{cc}=12V$
AN7410	PLL FM stereo multiplexer $V_{cc}=6V$
AN264	Dual Pre-amp.
AN360	Low noise pre amp.
AN370	Low noise pre amp.
AN7311	Dual pre amp. for Car. ($V_{cc}=13.2V$)
AN124	4.4W AF Power Amp. (RL 4ohm) / with AN124)
AN214	4.4W AF Power Amp. (opposite pin arrgemnt
AN252	3W AF Power Amp. (RL 4 ohms)
AN272	5W AF " (RL 8 ohms)
AN313	3W 2-channel AF Power Amp. (RL 8 ohms)
AN315	5.5W AF Power Amp. (RL 4 ohms)
AN374P	1W AF Power Amp. (RL 8 ohms)
AN7110	1.2W " (")
AN7114	1W AF Small power Amp. ($V_{cc}=6V$)
AN7115	2W " ($V_{cc}=9V$)
AN7120	2.1W Sound AF amp. for Cassette Recorder
AN7130	4.2W AF Power Amp. (RL 4 ohms)
AN7145L	Dual AF amp. for BTL (3W) / Dual use (1W)



FUJITSU

MODEL NO.

DESCRIPTIONS

LINEAR ICs:

MB3105	Low noise pre-amp. (2-ch/+12V)
MB3106	Low noise pre-amp. (2-ch/+3.5 - 16V)
MB3203	AMtuner system (+12V)
MB3705	Power amp. 4.4W (+13.2V)
MB3712	Power amp. 5.7W (")
MB3713	Power amp. 5.7W (")
MB3720	BTL power amp. 12W (")
MB3722	Dual power amp. 5.8W x 2 (")
MB3730	BTL P0wer amp.12W (")
MB3731	BTL power amp. 18W (")
MB4102	FM - MPX demodulator (PLL / +12V)
MB4103	FM - MPX demodulator (PLL / ")
MB3501	Wide band video amp. ($\pm 6V$)
MB3602	Operational amp. ($\pm 15V$)
MB3603	Operational amp. (")
MB3604	Operational amp. (")
MB3607	Operational amp. (2-ch/ $\pm 15V$)
MB3608	Operational amp. (")
MB3609	" (")
MB3612	" (")
MB3614	" (4-ch./1.5-15V)
MB3752	Voltage Regulator
MB3756	Voltage Regulator
MB3758	DC-DC convertor (+5V)
MB3761	Voltage Detector (2.5 - 40V)
MB4001	Comparator (+12V)
MB4002	" (High Speed)
MB4051	A/D convertor (8-channel)
MB4111	Magnetic Disc Head Amp.(Move)
MB4112	" " (Fixed)
MB4204	Comparator (4-channel)
MB4205	Power Comparator
MB4206	F/V Convertor
MB5331	Transistor Arrays (NPN Trs x 5 pcs.)



R OHM

MODEL NO.

DESCRIPTIONS

BA301	Pre amplifier
BA308	"
BA311	Pre amplifier for High voltage power-supply
BA313	Pre amplifier for Rec/PB with ALC
BA318	Head coil/meter driver
BA328	Dual Pre amplifier
BA333	Pre amplifier for REC/PB with ALC
BA336	Automatic Music Pre-set sensor
BA337	Auto-reverse controller
BA340	Pre-amplifier for High impedance input
BA343	Pre-amplifier for Dual REC/PB with ALC
BA344	Pre amp. for Auto-reverse system with head SW
BA401	FM/IFamp.
BA402	FM/IF amp.
BA403	FM/IF amp.
BA404	FM/IF amp.
BA514	9V-2W Audio Power Amp.
BA515	3V-230mW Audio Power Amp for OTL
BA518	9V-1.5W "
BA526	6V-700mW Power Amp.
BA527	6V-800mW Audio Power Amp.
BA532	13.2V-5.8W "
BA534	9V-2.3W "
BA535	13.2V-5.8W "
BA536	12V-4.5W "
BA537	13.2V-5.8W "
BA546	6V-550mW "
BA547	13.2V-5.8W "
BA546	6V-550mW "
BA547	9V-1.5W "
BA612	Big-Current Driver (5 circuits)
BA614A	" (6 circuits)
BA618	LED Driver
BA631	FM Intercom IC
BA656	5 sect. LED level meter
BA658	12 sect. fluorescent level meter
BA681A	12 sect. LED level dit/Bar level meter
BA682A	12 sect. LED VU level meter

<u>MODEL NO.</u>	<u>DESCRIPTIONS</u>
BA704	2.6V Voltage Regulators
BA707	3.3V Voltage Regulator
BA715	Dual operational amplifier
BA4556	"
BA1310	Stereo Multiplexer
BA1320	PLL "
BA1330	PLL "
BA1335	Low Voltage PLL Stereo Multiplexer
BA1350	PLL Stereo Multiplexer with High-cut function
BA4110	FM Amp.
BA4210	AM/FM IF amp.
BA5100	Switchless REC/PB amp.
BA5101	" for radio cassette
BA6124	LED level meter with rectifying function
BA6125	LED level meter with rectifying function

SANKEN

<u>MODEL NO.</u>	<u>DESCRIPTIONS</u>			
SI-1010G	10W	Thick Film Hybrid Power Amp.	(45V or $\pm 22.5V$)	
SI-1020G	20W	" "	(55V or $\pm 27.5V$)	
SI-1030G	30W	" "	(60V or $\pm 30V$)	
SI-1050G	50W	" "	(80V or $\pm 40V$)	
S-40W	40W	Power Amp. Modules	(60V or $\pm 30V$)	
S60W	60W	"	(80V or $\pm 40V$)	
S-80W	80W	"	(90V or $\pm 45V$)	
S-100W	100W	"	(100V or $\pm 50V$)	
SI-1050GS	50W	DC thervo. Amplifier	($\pm 40V$)	
SI-5200C	200W	DC thervo. Amplifier	(-80V)	
SI-3551M	5V	Voltage regulator Input 35V Max.		
SI-3552M	5V	" Input 35V "		
SI-3554M	5V	" Input 35V "		
SI-3120M	12V	" Input 40V "		
SI-3150M	15V	" Input 45V "		
SI-3580M	5 - 15V	" Input 45V "		
SI-3050G	5V	Voltage Stabilizer with rectifier Input 25V AC Max.		
SI3120G	12V	Voltage Stabilizer with rectifier Input 35V AC	"	
SI-3150G	15V	" "	40V AC	"
SI-3240G	24V	" "	45V AC	"
SI-3120T	12V	" "	35V AC	"
SI-3150T	15V	" "	40V AC	"
SI-3240T	24V	" "	45V AC	"



SANYO

MODEL NO.

DESCRIPTIONS

LA3301	FM Mutiplex Demodulator (4 - 12V)
LA3350	PLL FN Multiplex Demodulator (8 - 12V)
LA3361	PLL Multiplexer for FM Portable (6V)
LA3365	PLL MPX for FM Car Radio (6V)
LA3370	PLL MPX for FM Car Radio (6.5 - 14V)
LA3380	PLL MPX for High Class Stereo (12 - 14V)
LA3390	PLL MPX with accessories (10 -16V)
LA1900	AM Stereo Decoder (Magnavox)
LA2100	FM Noise Canceller for Car Radio
LA2101	FM Moise Canceller for Car Radio
LA2200	SK Type Processor for ARI System
LA2211	DK Type Processor for ARI System
LA2300	FM IF Accessory Circuit
LA2600	Dual Attenuator (Electronic Volume)
LA5700	Power supply for Electronic Tuning
LA3210	Equalizer amp. for cassette tape recorder (5V)
LA3201	Equalizer amp. for tape recorder (5.5V)
LA3150	Equalizer amp. for car radio, car stereo (9V)
LA3110	Equalizer amp. for home stereo (15V)
LA3120	Equalizer amp. for home stereo(20V)
LA3130	Equalizer amp. for home stereo (30V)
LA3155	Equalizer amp. for car stereo (2 channel/9V)
LA3160	Eaualizer amp. fpr car stereo (2channel/9V)
LA3161	Equalizer amp. for car steter (2 channel/9V)
LA3115	equalozer amp. for home stereo (2 channel/15V)
LA3122	Equalizer amp. for home stereo (2 channel/20V)
LA3133	Equalizer amp. for home stereo (2 channel/30V)
1A3170	Universal Wide Band Width Amp. (<u>+</u> 8V)
STK-101	MC cartridge head amp. (<u>+</u> 31V)
LA4200	1.5W typ. Power Amp. for Home Stereo (11V)
LA4201	2.5W typ.Power Amp. for Home stereo (14V)
LA4220	3.5W typ. Amp. for Home Stereo(16V)
LA4230	6W typ. AF Power Amp. for Home Stereo(22V)
LA4250	8W typ. AF Power Amp. for Home Stereo (25V)
LA4140	0.5W ty p. Power Amp. for Tape Recorder (6V)

SANYO

<u>MODEL NO.</u>	<u>DESCRIPTIONS</u>
LA4100	1.0W typ. Power amp. for Tape Recorder (6V)
LA4110	1.0W typ. Power Amp. for Tape Recorder (6V)
LA4101	1.5W typ. Power Amp. for Tape Recorder (7.5V)
LA4137	1.8W typ. Power Amp. for Tape Recorder (7.5V)
LA4102	2.1W typ. Power Amp. for Tape Recorder (9V)
LA4112	2.3W typ. Power amp. for Tape Recorder (9V)
LA4138	2.7W typ. Power Amp. for Tape Recorder (9V)
LA4120	1W typ. 2-channel AF Power Amp. for Bridge 3.5W
LA4180	1W typ. 2-channel AF Power Amp. for Bridge 2.8W
LA4125	2.4W typ. 2-channel AF Power Amp. for Bridge 7.7W
LA4182	2.3W typ. 2-channel AF Power Amp. for Bridge 4.7W
LA4125T	4.2W typ. 2-channel AF Power Amp. for Bridge 9W
LA4185	4.2W typ. 2-channel AF Power Amp. for Bridge 9W
LA4430	4.5W typ. AF Power Amp. for Car Stereo (13.2V)
LA4220	5.5W typ. AF Power Amp. for Car Stereo (13.2V)
LA4422	5.8W typ. AF Power Amp. for Car Stereo (13.2V)
LA4440	6.0W typ. AF Power Amp. for Car Stereo (13.2V)
LA4460	12W typ. Car Use AF Bridge Amp. (13.2V)
LA4461	12W typ. Car Use AF Bridge Amp. (13.2V)
LA4170	2-channel Headphone Amp. (14V)
LA4175	2-channel Headphone Amp. (12V)

HYBRID THICK FILM IC

STK011	6.5W min. AF Power Amp. one channel (25V)
STK015	10W min. AF Power Amp. one channel (32V)
STK020	10W min. " ($\pm 16V$)
STK016	15W min. " (38V)
STK075	15W min. " ($\pm 20V$)
STK075G	15W min. " wth better distortion
STK024	20W min. " (44V)
STK077	20W min. " ($\pm 2V$)
STK077G	20W min. " wth better distortion
STK058	24W min. " ($\pm 25V$)
STK078	24W min. " ($\pm 25V$)
STK078G	24W min. " wth better distortion
STK031	25W min. " (48V)
STK035	30W min. " (54V)

SANYO

MODEL NO.	<u>DESCRTIPTIONS</u>		
STK067	30W min.	AF	Power Amp. (1 channel/26.4V)
STK080	30W min	"	(PA Amp. / <u>+</u> 27)
STK080G	30W min	"	(<u>+</u> 27.5V)
STK082	35W min	"	(<u>+</u> 30W)
stk082-105	35W min	"	(TC=105C/ <u>+</u> 30V)
STK082G	35W min	"	(<u>+</u> 30V)
STK083	40W min	"	(<u>+</u> 32V)
STK083G	40W min	"	(<u>+</u> 32V)
STK050	50W min	"	(with protector/ <u>+</u> 35V)
STK084	50W min	"	(<u>+</u> 35V)
STK084G	50W min	"	(<u>+</u> 35V)
STK085-105	60W min	"	(TC=105/ <u>+</u> 38V)
STK071	60W min	"	(PA Amp. /26.4V)
STK070	70W min	"	(with protector/ <u>+</u> 42V)
STK086	70W min	"	(<u>+</u> 42V)
STK086G	70W min	"	(42V)
STK433	5W min	AF	Power Amp. (2 channel/23V)
STK433-105	5W min	"	(TC=105C/23V)
STK435	7W min	"	(27V)
STK435-105	7W min	"	(TC=105C/27V)
STK430	10W min	"	(13.8V)
STK436	10W min	"	(32V)
STK436-105	10W min	"	(TC=105C/32V)
STK437	10W min	"	(33V)
STK040	10W min	"	(16.5V)
STK457	10W min	"	(<u>+</u> 18V)
STK439	15W min	"	(39V)
STK041	15W min	"	(<u>+</u> 20V)
STK459	15W min	"	(<u>+</u> 21V)
STK441	20W min	"	(44V)
STK441-105	20W min	"	(TC=105C/44V)
STK043	20W min	"	(22V)
STK043-105	20W min	"	(TC=105C/22V)
STK460	20W min	"	(23V)
STK461	20W min	"	(<u>+</u> 23V)

SANYO

<u>MODEL NO.</u>	<u>DESCRIPTIONS</u>		
STK443	25W min.	AF Power Amp. 2-channel	(49V)
STK463	25W min.	AF Power Amp. 2-channel	($\pm 26V$)
STK465	30W min.	"	
STK-0025	23W min.	Darlington Power amp. 1-channel	($\pm 24.4V$)
STK-0029	25W min.	"	($\pm 25V$)
STK0030	30W min.	"	($\pm 28.5V$)
STK0039	35W min.	"	($\pm 3LV$)
STK0040	40W min.	"	($\pm 33v$)
STK0040 11	40W min.	"	($\pm 36V$)
STK0049	45W min.	"	($\pm 35V$)
STK0050	50W min.	"	($\pm 36V$)
STK0050 11	50W min.	"	($\pm 39V$)
STK0059	55W min.	"	($\pm 38V$)
STK0060	60W min.	"	($\pm 40V$)
STK0060 11	60W min.	"	($\pm 41V$)
STK0070	70W min.	"	($\pm 43V$)
STK0070 11	70W min.	"	($\pm 45V$)
STK0080	80W min.	"	($\pm 46V$)
STK0080 11	80W min.	"	($\pm 47V$)
STK0105	100W min.	"	($\pm 50W$)
STK1030	30W min.	"	($\pm 28.5V$)
STK1035	30W min.	"	($\pm 28.5V$)
STK1039	35W min.	"	($\pm 30V$)
STK1040	40W min.	"	($\pm 33V$)
STK1045	40W min.	"	($\pm 33V$)
STK1049	45W min.	"	($\pm 34V$)
STK1050	50W min.	"	($\pm 36V$)
STK1059	55W min.	"	($\pm 38V$)
STK1060	60W min.	"	($\pm 40V$)
STK2025	20W min.	"	($\pm 24V$)
STK2029	25W min.	"	($\pm 25.5V$)
STK2139	35W min.	"	($\pm 30V$)

<u>SANYO</u>	
<u>MODEL NO.</u>	<u>DESCRIPTIONS</u>
STK3042	40 - 50W VoltageA mp. og AF Power Amp. ($\pm 40V$)
STK3044	40W " ($\pm 32V$)
STK3062	60 - 70W " ($\pm 45V$)
STK3082	80 - 90W " ($\pm 50V$)
LA6358	Universal Dual Operational Amp.
LA6458	Dial Operational Amp. for Af Use
LB1240	PNP Input Driver Array
LB1252	Driver Array for EPSON M800
LB1253	Driver Array for EPSON M150
LB1260	7 Stage Driver Array
LB1261	7 Stage Driver Array
LB1264	7 Stage Driver Array
LB1272	6 Stage driver Array
LB1273	6 Stage Darlington TRansistor Array
LB1274	6 Stage Derlington Transistor Array
LB1275	7 Stade Darlington Transistor Array
LB1287	5 Stage Darlington Transistor Array
LB1288	5 Stage Darlington Transistor array
LB1290	NPN Input Driver Array
LB1405	Level Meter
LB1409	Level Meter
LB1415	Level Meter
LB1416	Level Meter
LB1419	Level Meter
LB1426	Level Meter
LB1436	.Level Meter
LB1450	Level Meter
LB1473	Electronic Channel Selector
LB1515	Electronic Channel Selector
LB1550	Electronic Channel Selector
LB1601	Servo Channel selector
LB8015	Schmitt Circuit
LC4001B	Quad 2-Input NAND Gate
LC4011B	Quad 2-Input NOR Gate
LC4066B	Quad Bilateral switch

SANYOMODEL NO.DESCRIPTIONS

LC4081B	Quad 2-Input AND Gate
LC5621	Watch for lady use
LC5631	Alarm Watch
LC5632	Alarm Watch
LC7120	CB Transceiver PLL Freq. Synthesizer
LC7131	CB Transceiver PLL Freq. Synthesizer
LC7135	CB Transceiver PLL Freq. Synthesizer
LC7181	CB Transceiver Channel Selector
LC7184	CB Transceiver Channel Selector
LC7191	CB Transceiver Channel Selector
LC7200	Control LSI for Electronic Tuning
LC7201	Control LSI for Electronic Tuning
LC7203	Control LSI for Electronic Tuning
LC7207	Control LSI for Electronic Tuning
LC7250	Digital Frequency Indicator by LED with Clock
LC7253	Digital Frequency Indicator by FLT with Clock
LC7257	Digital Frequency Indicator (5 digit LED)
LC7258	Digital Frequency Indicator (5 digit FLT)
LC7500	Electronic Volume Controller
LC7550	Level Meter (with Peak Hold Function)
LC7555	Level Meter (with Peak Hold Function)
LC7556	Level Meter (with Peak Hold function)
LC7600	LCD Digital Clock
LC7960	3 Digit BCD Counter, Decoder, driver
LC7961	4 Digit Decade Counter
LM3216	Electronic Organ Divider
LM8071	Tone Gene, of Equal Tempered
LM8360	Digital Clock
LM8361	Digital Clock
LM8363	Digital Clock with dual Alarm
LM8372	Rhythm Pattern Generator
LM8471	Rhythm Pattern Generator
LM8523	Tape Counter
LM8942	6 MOST
LM8972	Rhythm Pattern Generator
LM6405-012	Tape deck Mech controller

<u>SANYO</u>	
<u>MODEL NO.</u>	<u>DESCRIPTIONS</u>
LM6402	ROM 2k Byte, RAM 128x4 Bit
LM6405	ROM 1k Byte, RAM 64x4 Bit
LA5300	Over charge protector for support battery
LA5511	Midget DC Motor speed Controller
LA5512	Midget DC Motor speed Controller
STK507	24V 0.3A Voltage Supply
STK521	12V 1A "
STK522	18V 1A "
STK523	24V 1A "
STK531	12V 2A "
STK532	18V 2A "
STK533	24V 2V "
STK541	12V 1A "
STK542	18V 1A "

MODEL NO.

DESCRIPTIONS

TV USE:

UPC574J	Voltage Stable zener for 33V
UPC1356C2	VIF amp., AFT
UPC1366C	"
UPC1353C	SIF amp., DC Attenuator, Sound Amp.
UPC1382C	SIF amp., " and Driver
UPC1391H/92H	SIF amp.
UPC1350C	Chroma Proccessor
UPC1352C	Chroma Processor for NTSC, Video Amp.
UPC1364C	Chroma Proccessor for SECAM
UPC1365C	Chroma Proccessor for PAL
UPC1387C	Video Test-output Interface
UPC1031H2	B/W vert. osc., Drive and High-voltage protector
UPC1367C	Vert. osc, Holiz. osc., drive
UPC1358H	Vert. Output (Pomp up system)
UPC1368H	" "
UPC1378H	" "
UPC1360C	Electronic Tuning system (NEON display)
UPC1362C	" (LED display)
UPC1363C	" (LED, NEON display)
UPC1373C	Remote control Pre-amp.
UPC1986C	Remote control transmitter
UPC1937C	Remote control receiver
UPC1987C	"
UPC1913C	Remote control transmitter
UPC1943G	Remote control receiver
UPB562C	IG Hz. pre-scanner
UPC1370C2	RF convertor

Audio Use:

UPC1168C	AM tuner system
UPC1171C	"
UPC1178C	"
UPC1191V	"
UPC1215V	"
UPC1216V	"
UPC555H	RF-IF amp.
UPC1018C	"

N E C

<u>MODEL NO.</u>	<u>DESCRIPTIONS</u>
UPC1028H	FM-IF amp.
UPC1163H	FM-IF amp.
UPC1198H	"
UPC1167C2	"
UPC1200V	"
UPC1208C	"
UPC1211V	"
UPC1267C	"
UPC1176C	Noise canceller
UPC587C2	PLL Stereo Multiplexer
UPC1026C	"
UPC1187V	"
UPC1197C	"
UPC1235C	" (for Car)
UPC1236C	" (for Car)
UPC1320C	"
UPC566H3	Low-noise Pre amplifier
UPC592H2	"
UPC1016C	" (High impedance input)
UPC1017G	" (high gains)
UPC1017G2	" (high gains with block cir.)
UPC1023H	"
UPC1024H	"
UPC1032H	2-channel Low-noise Pre amp. (emitter follower)
UPC1058H2	Low noise Pre amp. with ALC
UPC1186H	2-channel Low-noise Pre amp.
UPC1190C	Low noise pre amp. with Post amp., muting amp
UPC1204C	Low noise pre amp. with ALC, EQ amp., Rec. amp, meter
UPC1217G	" with MIC amp., PB/REC amp. ALC
UPC575C2	2W Audio Power Amp.
UPC576H	3.5W "
UPC571H	6.5W "
UPC1181H	5.8W " for car use
UPC1182H	5.8W " used with UPC1181H for BTL
UPC1185H	5.8W Dual Audio Power Amp. for Car
UPC1185H2	5.8W " "
UPC1177H	1W Dual Audio Power amp. for OTL, BTL

