

Alphanumeric Index

Type number

Description

80C31/80C51/87C51

CMOS single-chip 8-bit microcontroller

80C32/80C52/87C52

CMOS single-chip 8-bit microcontrollers

80C451/83C451/87C451

CMOS single-chip 8-bit microcontroller

80C528/83C528

CMOS single-chip 8-bit microcontroller

80C550/83C550/87C550

CMOS single-chip 8-bit microcontroller with A/D and watchdog timer

80C552/83C552

single-chip 8-bit microcontroller with 10-bit A/D, capture/compare timer, high-speed outputs, PWM

80C562/83C562

single-chip 8-bit microcontroller with 8-bit A/D, capture/compare timer, high-speed outputs, PWM

80C652/83C652

CMOS single-chip 8-bit microcontroller

80C851/83C851

CMOS single-chip 8 bit microcontroller with on-chip EEPROM

80CL31/80CL51

low-voltage single-chip 8-bit microcontrollers

80CL410/83CL410

low voltage/low power single-chip 8-bit microcontroller with I2C

83C654

CMOS single-chip 8-bit microcontroller

83C751/87C751

CMOS single-chip 8-bit microcontroller

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Type number

Description

83C752/87C752

CMOS single-chip 8-bit microcontroller with A/D, PWM

83CE654

CMOS single-chip 8-bit microcontroller with electromagnetic compatibility improvements

BB112

AM variable capacitance diode

BB130

AM variable capacitance diode

BB135

UHF variable capacitance diode

BB204B; BB204G

VHF variable capacitance double diodes

BB212

AM variable capacitance double diodes

BB804

VHF variable capacitance double diode

BF1100; BF1100R

Dual-gate MOS-FETs

BF1100WR

Dual-gate MOS-FET

BF245A; BF245B; BF245C

N-channel silicon field-effect transistors

BF246A to C; BF247A to C

N-channel silicon junction field-effect transistors

BF545A; BF545B; BF545C

N-channel silicon junction field-effect transistors

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Type number

Description

BF556A; BF556B; BF556C N-channel silicon junction field-effect transistors

BF851A; BF851B; BF851C N-channel junction FETs

BF861A; BF861B; BF861C N-channel junction FETs

BF904; BF904R N-channel dual-gate MOS-FETs

BF904WR N-channel dual-gate MOS-FET

BF908; BF908R Dual gate MOS-FETs

BF908WR N-channel dual gate MOS-FET

BF909; BF909R N-channel dual gate MOS-FETs

BF909WR N-channel dual gate MOS-FETs

BF992; BF992R Silicon N-channel dual gate MOS-FET

BF998; BF998R Silicon N-channel dual gate MOS-FET

J108; J109; J110 N-channel silicon junction FETs

J308; J309; J310 N-channel silicon field-effect transistors

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Type number

Description

NE/SA572	Programmable analog compandor
NE/SA576	Low power compandor
NE570/571/SA571	Compandor
OM5604; OM5606	Multimedia radio tuner
OM5608	Multimedia radio tuner
OQ8844	digital servo driver (DSD-2)
OQ8868	digital servo intergrated circuit DSICS
P80CE558/P83CE558/P89CE5	single-chip 8-bit microcontroller
P80CL580; P83CL580	low-voltage single-chip 8-bit microcontrollers
P83C524	8-bit microcontroller
P83CL781; 83CL782	low-voltage single-chip 8-bit microcontrollers
P8xCE528	8-bit microcontroller with EMC
PCA84C122;222;422;622;822	8-bit microcontrollers for remote control transmitters; 1k ROM, 32 bytes RAM

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Description

PCA8581; PCA8581C | 128 x 8-bit EEPROM with I2C-bus interface; 4.5 to 5.5 V supply voltage

PCF1303T | 18-element bar graph LCD driver

PCF2116 family (2114X/2116X) | LCD controller/drivers

PCF21XXC family | LCD drivers

PCF8566 | Universal LCD driver for low multiplex rates

PCF8570; PCF8571 | 256 x 8-bit static low-voltage RAM with I2C-bus interface

PCF8573 | Clock/calendar with serial I/O; power-fail detect; I2C-bus

PCF8574; PCF8574A | Remote 8-bit I/O expander for I2C-bus; 8 slave addresses (4xH)

PCF8576C | universal LCD driver for low multiplex rates

PCF8577C | LCD direct/duplex driver with I2C-bus interface

PCF8578 | LCD row/column driver for dot matrix graphic displays

PCF8579 | LCD column driver for dot matrix graphic displays

PCF8583 | Clock calendar with 256 x 8-bit static RAM; I2C-bus

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Type number

Description

PCF8584	Parallel-bus to I2C-bus converter
PCF8591	8-bit A/D and D/A converter; I2C-bus
PCF8593	Low power clock calendar; I2C-bus
PCx8582x-2 Family	256 x 8-bit CMOS EEPROMS with I2C-bus interface
PCx8594x-2 Family	512 x 8-bit CMOS EEPROMS with I2C-bus interface
PCx8598x-2 Family	1024 x 8-bit CMOS EEPROMS with I2C-bus interface
PMBFJ308; J309; J310	N-channel silicon field-effect transistors
SAA1057	Radio tuning PLL frequency synthesizer
SAA1064	4-digit LED driver with I2C-bus interface
SAA1300	Tuner switching circuit; 5 high-current outputs; I2C-bus; 85mA per output
SAA2002	Stereo filter and CODEC
SAA2003	Stereo filter and CODEC
SAA2012	Adaptive allocation and scaling for record processing in DCC systems

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Description

SAA2013	Adaptive allocation and scaling for PASC coding in DCC systems
SAA2022	Tape formatting and error correction for the DCC system
SAA2023	Drive Processor for DCC systems
SAA2032	Digital equalization for the tape drive processing of the DCC system
SAA2500	MPEG audio source decoder
SAA2501	MPEG digital audio broadcast (DAB) decoder
SAA2510	Video CD Audio/Video decoder MPEG
SAA2520	Stereo filter and CODEC for MPEG layer 1 audio applications
SAA2521	Masking threshold Processor for MPEG layer 1 audio compression applications
SAA3010	Infrared remote control transmitter RC-5
SAA3323	Drive Processor for DCC systems
SAA6579	Radio data system demodulator (RDS); 57 kHz integrated filter
SAA7182; SAA7183	digital video encoder (EURO-DENC)

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Description

SAA7185 digital video encoder (EURO-DENC2)

SAA7274 Audio digital input circuit (ADIC)

SAA7345 CMOS digital decoding IC with RAM for Compact Disc

SAA7346 Shock absorbing RAM addresser

SAA7360 Bitstream conversion ADC for digital audio systems

SAA7366 Bitstream conversion ADC for digital audio systems

SAA7367 Bitstream conversion ADC for digital audio systems

SAA7370 Digital servo processor and Compact Disc decoder (CD7)

SAA7370A Digital servo processor and Compact Disc decoder (CD7)

SAA7372 Digital servo processor and Compact Disc decoder (CD7)

SAA7374 Low voltage digital servo processor and Compact Disc decoder (CD7LV)

SAA7376 Digital servo processor and Compact Disc decoder (CD7)

SAA7380 Quadruple speed CD-ROM block decoder (ATAPI)

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Description

SAA7382	Double speed CD-ROM block decoder (ATAPI)//SAA7387(SCSI)
SAA7385	High speed CD-ROM block decoder (SCSI)
SAA7388	CD-ROM block decoder (SCSI)
SAA7390	Block encoder/decoder for CD-recordable
SAA7500	Digital satellite radio broadcasting tuner decoder (SAT-2)
SAA7707H	Carradio Digital Signal Processor (CDSP)
SAA7710T	Dolby Pro Logic Surround Dolby 3 Stereo
SAA7740H	Digital audio Processing IC (DAPIC)
TDA1001B; TDA1001BT	Interference and noise suppression circuit for FM receivers
TDA1010A	6 W audio power amplifier in-car applications 10 W audio power amplifier in mains-fed applications
TDA1011	2 to 6 W audio power amplifier with pre-amp
TDA1013B	4 W audio power amplifier with DC volume control
TDA1015	1 to 4 W audio power amplifier

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Description

TDA1015T	0.5 W audio power amplifier
TDA1016	Recording/playback and 2 W audio power amplifier
TDA1020	12 W car radio audio power amplifier
TDA1029	Signal-sources switch; 4 x two channels
TDA1072A	AM receiver circuit; for car radios
TDA1072AT	AM receiver circuit; for car radios
TDA1074A	Dual tandem electronic potentiometer circuit
TDA1300T	Photodetector amplifiers and laser supply
TDA1301	Digital servo Processor (DSIC2)
TDA1302T	Data amplifier and laser supply circuit for CD player and read only optical systems
TDA1305T	Stereo 1fs Bitstream continuous calibration DAC with up-sampling filter (BCC-DAC2)
TDA1306	Noise shaping filter DAC
TDA1307	High-performance bitstream digital filter

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Description

TDA1308	Class AB stereo headphone driver
TDA1309H	Low-voltage low-power stereo bitstream ADC/DAC
TDA1310A	Stereo continuous calibration DAC (CC-DAC)
TDA1311A	Stereo continuous calibration DAC (CC-DAC)
TDA1312A; TDA1312AT	Stereo continuous calibration DAC (CC-DAC)
TDA1313; TDA1313T	Stereo continuous calibration DAC (CC-DAC)
TDA1314T	Quadruple filter DAC
TDA1315H	Digital audio input/output circuit (DAIO)
TDA1318	DCC read amplifier
TDA1319T	DCC write amplifier (write 2)
TDA1373H	General Digital Input (GDIN)
TDA1380	DCC read amplifier (READ 3)
TDA1381	DCC write amplifier (WRITE3)

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Description

TDA1383	DCC record/playback amplifier (RW4)
TDA1386T	Bitstream noise shaping filter DAC
TDA1387T	Stereo continuous calibration DAC (CC-DAC)
TDA1388	Bitstream continuous calibration filter-DAC for CD-ROM audio applications
TDA1510AQ	24 W BTL or 2 x 12 W stereo car radio power amplifier
TDA1514A	50 W high-performance hi-fi amplifier
TDA1515BQ	24 W BTL or 2 x 12 W stereo car radio power amplifier
TDA1516BQ	24 W BTL or 2 x 12 W stereo car radio power amplifier
TDA1516CQ	24 W BTL car radio power amplifier
TDA1517	2 x 6 watt stereo car radio power amplifier
TDA1518BQ	24 W BTL or 2 x 11 W stereo car radio power amplifier
TDA1519	2 x 6 Watt stereo car radio audio power amplifier
TDA1519A	22 W BTL or 2 x 11 Watt stereo car radio power amplifier

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Description

TDA1519B | 12 W BTL or 2 x 6 W stereo car radio power amplifier

TDA1521; TDA1521Q | 2 x 12 W hi-fi stereo audio power amplifier

TDA1521A | 2 x 6 W hi-fi stereo audio power amplifier

TDA1522 | Stereo cassette head preamplifier

TDA1523 | Stereo cassette head preamplifier and equalizer

TDA1524A | Stereo-tone/volume control circuit

TDA1526 | Stereo-tone/volume control circuit

TDA1541 | Dual 16-bit DAC

TDA1541A | Stereo high performance 16-bit DAC

TDA1543 | Dual 16-bit DAC (economy version) (I2S input format)

TDA1545A; TDA1545AT | Stereo continuous calibration DAC; 16 bit

TDA1546T | Bitstream Continuous Calibration DAC with digital sound processing (BCC-DAC)

TDA1547 | Dual top-performance bitstream DAC

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Type number

Description

TDA1548T	Bitstream continuous calibration filter-DAC with headphone driver and DSP
TDA1548T	Bitstream continuous calibration filter-DAC with headphone driver and DSP
TDA1549	Stereo 4fs Bitstream continuous calibration DAC with up-sampling filter (BCC-DAC1)
TDA1551Q	2 x 22 W BTL car radio power amplifier with diagnostic facility
TDA1552Q	2 x 22 W BTL stereo car radio power amplifier
TDA1553CQ	2 x 22 W stereo BTL car radio power amplifier with loudspeaker protection and 3-state mode switch
TDA1553Q	2 x 22 W BTL stereo car radio power amplifier with loudspeaker protection
TDA1554Q	4 x 11 W single-ended or 2 x 22 W power amplifier
TDA1555Q	4 x 11 W single-ended or 2 x 22 W power amplifier with distortion detector
TDA1556Q	2 x 22 W stereo BTL differential amplifier with speaker protection and dynamic distortion detector
TDA1557Q	2 x 22 W BTL stereo car radio power amplifier with speaker protection
TDA1558Q	2 x 22 W or 4 x 11 W single-ended car radio power amplifier
TDA1560Q	40 W car radio high power amplifier

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Type number

Description

TDA1561Q	2 x 23 watt car radio power amplifier
TDA1572	AM receiver circuit; for car radios
TDA1572T	AM receiver circuit; for car radios
TDA1574	Integrated FM tuner for radio receivers
TDA1574T	Integrated FM tuner for radio receivers
TDA1575T	FM front end circuit for CENELEC EN 55020 applications
TDA1579; TDA1579T	Decoder for traffic warning (VWF) radio transmissions; AM carriers; ARI system
TDA1581T	Decoder for traffic warning (VWF) radio transmissions; AM carriers; ARI system
TDA1591	PLL stereo decoder and noise blanker; interference suppression
TDA1592	PLL stereo decoder and noise blanker
TDA1596	IF amplifier/demodulator for FM radio receivers
TDA1596T	IF amplifier/demodulator for FM radio receivers
TDA1597	IF amplifier/demodulator for FM radio receivers

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Description

TDA1599	IF amplifier/demodulator for FM radio receivers
TDA1602A	Double-deck playback/record IC (DDPR); stereo; for high quality 12V portables; all recorder functions
TDA2611A	5 W audio power amplifier
TDA2613	6 W hi-fi audio power amplifier
TDA2614	6 W hi-fi audio power amplifier
TDA2615	2 x 6 W hi-fi audio power amplifier
TDA2616/TDA2616Q	2 x 12 W hi-fi audio power amplifiers with mute
TDA3601Q; TDA3601AQ	Multiple output voltage regulator
TDA3602	Multiple output voltage regulator
TDA3603	Multiple output voltage regulator with switch
TDA3604	Multiple voltage regulator with external reset delay and switch
TDA3606	5V regulator with reset and battery in/out
TDA7000	FM radio circuit

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Type number

Description

TDA7010T	FM radio circuit
TDA7021T	FM radio circuit for Micro Tuning Systems
TDA7040T	Low voltage PLL stereo decoder
TDA7050	Low voltage mono/stereo power amplifier
TDA7050T	Low voltage mono/stereo power amplifier
TDA7052	1 W BTL mono audio amplifier
TDA7052A; TDA7052AT	1 W BTL mono audio amplifier with DC volume control
TDA7052B	Mono BTL audio amplifier with DC volume control
TDA7053	2 x 1 W BTL portable/Mains-fed stereo power amplifier
TDA7053A	Stereo BTL audio output amplifiers with DC volume control
TDA7056	3 W mono BTL audio output amplifier
TDA7056A	3 W BTL mono audio output amplifier with DC volume control
TDA7056B	5 W mono BTL audio amplifier with DC volume control

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Type number

Description

TDA7057AQ	2 x 5 W stereo BTL audio output amplifier with DC volume control
TDA7057Q	2 x 3 W stereo BTL audio output amplifier
TDA7072A; TDA7072AT	single BTL power driver
TDA7073A; TDA7073AT	dual BTL power driver
TDA7088T	FM receiver circuit for battery supply; with search tuning
TDA8442	I2C-bus interface for color decoders; four 6-bit DACs
TDA8444	Octuple 6-bit DAC with I2C-bus
TDA8541	1 W BTL audio amplifier
TDA8542	2 x 1 W BTL audio amplifier
TDA8560Q	2 x 40 W/2 Ω stereo BTL car radio power amplifier with diagnostic facility
TDA8561Q	2 x 24 W BTL or 4 x 12 W single-ended car radio power amplifier
TDA8562Q	4 x 12 W single-ended car radio power amplifier with dynamic distortion detector and diagnostic interface
TDA8563Q	2 x 40 W/2 Ω stereo BTL car radio power amplifier with diagnostic facility

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Description

TDA8564Q	2 x 24 W BTL or 2 x 12 W single-ended car radio power amplifier
TDA8565Q	4 x 12 W single-ended car radio power amplifier with interface
TDA8566Q	2 x 25 W BTL stereo car radio power amplifier with differential inputs and diagnostic output
TDA8574	Class-H high output voltage level line driver
TDA8576T	Class-H high output voltage level line driver
TDA8577	Dual common-mode rejection differential line receiver
TDA8578	Dual common-mode rejection differential line receiver
TDA8579T	Dual common-mode rejection differential line receiver
TDA8735	PLL frequency synthesizer
TDA8808T; TDA8808AT	Photo diode signal processor for compact disc players
TDA8809T	Radial error signal processor for compact disc players
TEA0655	Dual Dolby B-type noise reduction circuit for playback applications
TEA0665; TEA0665T	Dolby B&C-type noise reduction system

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Type number

Description

TEA0675	Dual Dolby B-type noise reduction circuit for playback applications
TEA0677T	Dual Pre-amplifier and equalizer for reverse tape decks
TEA0678	Dual Dolby B-type noise reduction circuit, automatic music search, with differential outputs and mute
TEA5551T	Single-chip AM radio; dual AF amplifier for pocket receivers
TEA5570	RF/IF circuit for AM/FM radio
TEA5581; TEA5581T	PLL stereo decoder; source selector switch; medium-fi and car radios
TEA5591	AM/FM radio receiver circuit
TEA5591A	AM/FM radio receiver circuit
TEA5594	AM/FM radio receiver circuit ; for electronically-tuned radios
TEA5710; TEA5710T	AM/FM radio receiver circuit
TEA5711; TEA5711T	AM/FM stereo radio circuit
TEA5712; TEA5712T	AM/FM stereo DTS radio circuit
TEA5757; TEA5759	Self tuned AM/FM radio receiver with stereo decoder for Japanese band

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Type number

Description

TEA5762 Self tuned AM/FM radio receiver with stereo decoder for CELNEC applications

TEA6100 FM/IF system and microcomputer-based tuning interface; I2C bus

TEA6101; TEA6101T Antenna diversity circuit

TEA6200 AM upconversion radio receiver; 10.7 MHz IF

TEA6300; TEA6300T Car radio pre-amp and source selector with sound fader controls; I2C bus

TEA6310T Sound fader control circuit

TEA6320 Sound fader control circuit; loudness function; zero-cross detection; I2C bus

TEA6321 Sound fader control circuit

TEA6322 Sound fader control circuit; I2C bus

TEA6323 Sound fader control circuit; I2C bus

TEA6330T Sound fader control circuit for car radios; I2C bus

TEA6360 5-band equalizer circuit; I2C bus

TEA6810V; TEA6811V AM/FM Front-end and PLL synthesizer for car radios

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Description

TEA6821T	AM/FM ICE car radio; I2C bus
TEA6822T	AM/FM IF, stereo decoder and NC circuit
TEA6850	Precision adjacent channel selectivity PACS circuit
TSA6057; TSA6057T	Radio tuning PLL frequency synthesizer; I2C bus
TSA6060	Fast radio tuning PLL frequency synthesizer; RDS; I2C bus