

DATA SHEET

Assigned I²C-bus addresses General

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File under Integrated Circuits, IC12

General

Assigned I²C-bus addressesASSIGNED I²C-BUS ADDRESSES (IN ALPHANUMERIC ORDER OF TYPE NUMBER)

TYPE NUMBER	DESCRIPTION	I ² C SLAVE ADDRESSES ⁽¹⁾						
		A6	A5	A4	A3	A2	A1	A0
-	General call address	0	0	0	0	0	0	0
-	Reserved addresses	0	0	0	0	X	X	X
-	Reserved addresses	1	1	1	1	X	X	X
CCR921	RDS/RBDS decoder	0	0	1	0	0	A	A
NE5751	Audio processor for RF communication	1	0	0	0	0	0	A
PCA1070	Programmable speech transmission IC	0	1	0	0	0	0	A
PCA8516	Stand-alone OSD IC	1	0	1	1	1	0	1
PCA8581/C	128 × 8-bit EEPROM	1	0	1	0	A	A	A
PCB2421	1K dual mode serial EEPROM	1	0	1	0	0	0	0
PCD3311C	DTMF/modem/musical tone generator	0	1	0	0	1	0	A
PCD3312C	DTMF/modem/musical tone generator	0	1	0	0	1	0	A
PCD4440	Voice scrambler/descrambler for mobile telephones	1	1	0	1	1	1	A
PCD5002	Pager decoder	0	1	0	0	1	1	1
PCD5096	Universal codec	0	0	1	1	0	A	A
PCE84C467/8	8-bit CMOS auto-sync monitor controller	0	1	1	0	0	1	1
PCE84C882	8-bit microcontroller for monitor applications	0	1	1	0	0	1	1
PCE84C886	8-bit microcontroller for monitor applications	0	1	1	0	0	1	1
PCF2116	LCD controller/driver	0	1	1	1	0	1	A
PCF8522/4	512 × 8-bit CMOS EEPROM	1	0	1	0	A	A	A
PCF8566	96-segment LCD driver 1:1 - 1:4 Mux rates	0	1	1	1	1	1	A
PCF8568	LCD row driver for dot matrix displays	0	1	1	1	1	0	A
PCF8569	LCD column driver for dot matrix displays	0	1	1	1	1	0	A
PCF8570	256 × 8-bit static RAM	1	0	1	0	A	A	A
PCF8573	Clock/calendar	1	1	0	1	0	A	A
PCF8574	8-bit remote I/O port (I ² C-bus to parallel converter)	0	1	0	0	A	A	A
PCF8574A	8-bit remote I/O port (I ² C-bus to parallel converter)	0	1	1	1	A	A	A
PCF8576C	16-segment LCD driver 1:1 - 1:4 Mux rates	0	1	1	1	0	0	A
PCF8577C	32/64-segment LCD display driver	0	1	1	1	0	1	0
PCF8578/9	Row/column LCD dot matrix driver/display	0	1	1	1	1	0	A
PCF8582/A	256 × 8-bit EEPROM	1	0	1	0	A	A	A
PCF8583	256 × 8-bit RAM/clock/calendar	1	0	1	0	0	0	A
PCF8584	I ² C-bus controller	X	X	X	X	X	X	X
PCF8591	4-channel, 8-bit Mux ADC and one DAC	1	0	0	1	A	A	A
PCF8593	Low-power clock calendar	1	0	1	0	0	0	1
PCX8594	512 × 8-bit CMOS EEPROM	1	0	1	0	A	A	P
PCX8598	1024 × 8-bit CMOS EEPROM	1	0	1	0	A	P	P
PDIUSB11	Universal serial bus	0	0	1	1	0	1	1
SAA1064	4-digit LED driver	0	1	1	1	0	A	A

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		A6	A5	A4	A3	A2	A1	A0
SAA1300	Tuner switch circuit	0	1	0	0	0	A	A
SAA1770	D2MAC decoder for satellite and cable TV	0	0	1	1	1	1	A
SAA2502	MPEG audio source decoder	0	0	1	1	1	0	1
SAA2510	Video-CD MPEG-audio/video decoder	0	0	1	1	0	1	A
SAA2530	ADR/DMX digital receiver	0	0	0	1	1	A	A
SAA4700/T	VPS dataline processor	0	0	1	0	0	0	A
SAA5233	Dual standard PDC decoder	0	0	1	0	0	0	A
SAA5243	Computer controlled teletext circuit	0	0	1	0	0	0	1
SAA5244	Integrated VIP and teletext	0	0	1	0	0	0	1
SAA5245	525-line teletext decoder/controller	0	0	1	0	0	0	1
SAA5246A	Integrated VIP and teletext	0	0	1	0	0	0	1
SAA5249	VIP and teletext controller	0	0	1	0	0	0	1
SAA5252	Line 21 decoder	0	0	1	0	1	0	0
SAA5301	MOJI processor for Japan/China	0	1	1	0	0	0	0
SAA6750	MPEG2 encoder for Desk Top Video (=SAA7137)	0	1	0	0	0	0	0
SAA7110A	Digital multistandard decoder	1	0	0	1	1	1	A
SAA7140B	High performance video scaler	0	1	1	1	0	0	A
SAA7151B	8-bit digital multistandard TV decoder	1	0	0	0	1	A	1
SAA7165	Video enhancement D/A processor	1	0	1	1	1	1	1
SAA7186	Digital video scaler	1	0	1	1	1	A	0
SAA7191B	Digital multistandard TV decoder	1	0	0	0	1	A	1
SAA7192	Digital colour space-converter	1	1	1	0	0	0	A
SAA7199B	Digital multistandard encoder	1	0	1	1	0	0	A
SAA7370	CD-decoder plus digital servo processor	0	0	1	1	0	0	A
SAA9056	Digital SCAM colour decoder	1	0	0	0	1	A	1
SAA9065	Video enhancement and D/A processor	1	0	1	1	1	1	1
SAB9075H	PIP controller for NTSC	0	0	1	0	1	1	A
SAF1135	Dataline 16 decoder for VPS (call array)	0	0	1	0	0	A	A
TDA1551Q	2 × 22 W BTL audio power amplifier	1	1	0	1	1	0	0
TDA4670/1/2	Picture signal improvement (PSI) circuit	1	0	0	0	1	0	0
TDA4680/5/7/8	Video processor	1	0	0	0	1	0	0
TDA4780	Video control with gamma control	1	0	0	0	1	0	0
TDA4845	Vector processor for TV-pictures tubes	1	1	0	1	1	A	A
TDA4885	150 MHz video controller	1	0	0	0	1	0	0
TDA8043	QPSK demodulator and decoder	1	1	0	1	0	0	A
TDA8045	QAM-64 demodulator	0	0	0	1	1	A	A
TDA4853/4	Autosync deflection processor	1	0	0	0	1	1	0
TDA8366	Multistandard one-chip video processor	1	0	0	0	1	0	1
TDA8373	NTSC one-chip video processor	1	0	0	0	1	0	1

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		A6	A5	A4	A3	A2	A1	A0
TDA8374	Multistandard one-chip video processor	1	0	0	0	1	0	1
TDA8375/A	Multistandard one-chip video processor	1	0	0	0	1	0	1
TDA8376/A	Multistandard one-chip video processor	1	0	0	0	1	0	1
TDA8415	TV/VCR stereo/dual sound processor	1	0	0	0	0	1	0
TDA8416	TV/VCR stereo/dual sound processor	1	0	1	1	0	1	0
TDA8417	TV/VCR stereo/dual sound processor	1	0	0	0	0	1	0
TDA8421	Audio processor	1	0	0	0	0	0	A
TDA8424/5/6	Audio processor	1	0	0	0	0	0	1
TDA8433	TV deflection processor	1	0	0	0	1	1	A
TDA8440	Video/audio switch	1	0	0	1	A	A	A
TDA8442	Interface for colour decoder	1	0	0	0	1	0	0
TDA8443A	YUV/RGB matrix switch	1	1	0	1	A	A	A
TDA8444	Octuple 6-bit DAC	0	1	0	0	A	A	A
TDA8480T	RGB gamma-correction processor	1	0	0	0	0	1	A
TDA8540	4 × 4 video switch matrix	1	0	0	1	A	A	A
TDA8722	Negative video modulator with FM sound	1	1	0	0	1	0	0
TDA8735	150 MHz PLL frequency synthesiser	1	1	0	0	0	1	A
TDA8745	Satellite sound decoder	1	1	0	1	0	1	A
TDA8752	Triple fast ADC for LCD	1	0	0	1	1	A	A
TDA9141/3/4	Alignment-free multistandard decoder	1	0	0	0	1	A	1
TDA9150B	Deflection processor	1	0	0	0	1	1	0
TDA9151B	Programmable deflection processor	1	0	0	0	1	1	0
TDA9160	Multistandard decoder/sync. processor	1	0	0	0	1	A	1
TDA9161A	Bus-controlled decoder/sync. processor	1	0	0	0	1	0	1
TDA9162	Multistandard decoder/sync. processor	1	0	0	0	1	A	1
TDA9170	YUV processor with picture improvement	1	1	0	1	0	0	A
TDA9177	2nd address for LTI (1st is '40')	1	1	1	0	0	0	0
TDA9177	YUV transient improvement processor	0	1	0	0	0	0	0
TDA9178	2nd address for LTI (1st is '40')	1	1	1	0	0	0	0
TDA9178	YUV transient improvement processor	0	1	0	0	0	0	0
TDA9610	Audio FM processor for VHS	1	0	1	1	1	0	0
TDA9614H	Audio processor for VHS	1	0	1	1	1	0	0
TDA9840	TV stereo/dual sound processor	1	0	0	0	0	1	0
TDA9850	BTSC stereo/SAP decoder	1	0	1	1	0	1	A
TDA9852	BTSC stereo/SAP decoder	1	0	1	1	0	1	1
TDA9855	BTSC stereo/SAP decoder	1	0	1	1	0	1	A
TDA9860	Hi-fi audio processor	1	0	0	0	0	0	A
TEA6100	FM/IF for computer-controlled radio	1	1	0	0	0	0	1
TEA6300	Sound fader control and preamplifier/source selector	1	0	0	0	0	0	0

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		A6	A5	A4	A3	A2	A1	A0
TEA6320/1/2/3	Sound fader control circuit	1	0	0	0	0	0	0
TEA6330	Tone/volume controller	1	0	0	0	0	0	0
TEA6360	5-band equalizer	1	0	0	0	1	1	A
TEA6821/2	Car radio AM	1	1	0	0	0	1	0
TEA6824T	Car radio IF IC	1	1	0	0	0	1	0
TSA5511/2/4	1.3 GHz PLL frequency synthesizer for TV	1	1	0	0	0	A	A
TSA5522/3M	1.4 GHz PLL frequency synthesizer for TV	1	1	0	0	0	A	A
TSA6057	Radio tuning PLL frequency synthesizer	1	1	0	0	0	1	A
TSA6060	Radio tuning PLL frequency synthesizer	1	1	0	0	0	1	A
UMA1000T	Data processor for mobile telephones	1	1	0	1	1	A	A
UMA1014	Frequency synthesizer for mobile telephones	1	1	0	0	0	1	A

Note

1. X = Don't care, A = Programmable address bit, P = Page selection bit.