THE ELEKTOR ▪ ELEKTUUR DATASHEET COLLECTION

VOLUME 3

More than 200 microprocessor datasheets
Mehr als 200 Datenblätter von Mikrocontrollern (Texte in Englisch)
Plus de 200 fiches de caractéristiques microprocesseurs (en anglais)
Meer dan 200 microprocessor datasheets (Engelstalig)

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Analog Devices

ADSP-21xx	Family overview
ADSP-2101	16-bit fixed-point DSP
ADSP-2103	16-bit fixed-point DSP
ADSP-2105	16-bit fixed-point DSP
ADSP-2111	16-bit fixed-point DSP
ADSP-2115	16-bit fixed-point DSP
ADSP-2161	16-bit fixed-point DSP
ADSP-2162	16-bit fixed-point DSP
ADSP-2163	16-bit fixed-point DSP
ADSP-2164	16-bit fixed-point DSP
ADSP-2165	16-bit fixed-point DSP (ADSP-216x with additional memory)
ADSP-2166	16-bit fixed-point DSP (ADSP-216x with additional memory)
ADSP-2171	16-bit fixed-point DSP
ADSP-2172	16-bit fixed-point DSP
ADSP-2173	16-bit fixed-point DSP
ADSP-2181	16-bit fixed-point DSP
ADSP-2185	16-bit fixed-point DSP
ADSP-2185L	16-bit fixed-point DSP
ADSP-2186	16-bit fixed-point DSP
ADSP-2186L	16-bit fixed-point DSP
ADSP-2187L	16-bit fixed-point DSP

Analog Devices

Atmel

Cypress / Dallas

Microchip

Motorola

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Atmel

AT89C51	8-bit microcontroller with 4 Kbyte flash
AT89C52	8-bit microcontroller with 8 Kbyte flash
AT89C55	8-bit microcontroller with 20 Kbyte flash
AT89C1051	8-bit microcontroller with 1 Kbyte flash
AT89C2051	8-bit microcontroller with 2 Kbyte flash
AT89S8252	8-bit microcontroller with 8 Kbyte flash
AVR family	AVR instruction set
AT90S1200	8-bit AVR-microcontroller with 1 Kbyte downloadable flash
AT90S2313	8-bit AVR-microcontroller with 2 Kbyte downloadable flash
AT90S2323	8-bit AVR-microcontroller with 2 Kbyte in-system programmable flash
AT90LS2323	8-bit AVR-microcontroller with 2 Kbyte in-system programmable flash
AT90S2343	8-bit AVR-microcontroller with 2 Kbyte in-system programmable flash
AT90LS2343	8-bit AVR-microcontroller with 2 Kbyte in-system programmable flash

AT90LS4434	8-bit AVR-microcontroller with 4/8 Kbyte in-system programmable flash
AT90S8515	8-bit AVR-microcontroller with 8 Kbyte in-system programmable flash
AT90S8535	8-bit AVR-microcontroller with 4/8 Kbyte in-system programmable flash
AT90LS8535	8-bit AVR-microcontroller with 4/8 Kbyte in-system programmable flash
Mega103	8-bit AVR-microcontroller with 64/128 Kbyte in-system programmable flash
Mega103L	8-bit AVR-microcontroller with 64/128 Kbyte in-system programmable flash
Mega603	8-bit AVR-microcontroller with 64/128 Kbyte in-system programmable flash
Mega603L	8-bit AVR-microcontroller with 64/128 Kbyte in-system programmable flash

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Cypress

CY7C63000	Universal Serial Bus microcontroller
CY7C63001	Universal Serial Bus microcontroller
CY7C63100	Universal Serial Bus microcontroller
CY7C63101	Universal Serial Bus microcontroller
CY7C63200	Universal Serial Bus microcontroller
CY7C63201	Universal Serial Bus microcontroller

Dallas

DS5000(T)	Soft microcontroller module
DS5000FP	Soft microprocessor chip
DS5001FP	128 K Soft microprocessor chip
DS5002FP	Secure microprocessor chip
DS80C310	High-speed 80C32 compatible microprocessor
DS80C320	High-speed/low power 80C32 compatible microprocessor
DS80C323	High-speed/low-power 80C32 compatible microprocessor
DS83C520	EPROM/ROM high-speed microprocessor
DS87C520	EPROM/ROM high-speed microprocessor
DS87C530	EPROM microprocessor with real time clock

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PIC12-family

PIC12C508	8-bit CMOS microcontroller
PIC12C509	8-bit CMOS microcontroller
PIC12C671	8-bit CMOS microcontroller with A/D converter
PIC12C672	8-bit CMOS microcontroller with A/D converter
PIC12CE518	8-bit CMOS microcontroller with EEPROM data memory
PIC12CE519	8-bit CMOS microcontroller with EEPROM data memory
PIC12CE673	8-bit CMOS microcontroller with A/D converter and EEPROM data memory
PIC12CE674	8-bit CMOS microcontroller with A/D converter and EEPROM data memory

PIC16-family

PIC16C52	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16C54	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16C54A	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16C54B	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16C55A	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16C55B	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16C56A	EPROM/ROM-based 8-bit CMOS-microcontroller

Analog Devices

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PIC16C56B	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16C57	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16C57C	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16C58A	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16C58B	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16C71	8-bit CMOS microcontroller with A/D converter
PIC16C710	8-bit CMOS microcontroller with A/D converter
PIC16C711	8-bit CMOS microcontroller with A/D converter
PIC16C715	8-bit CMOS microcontroller with A/D converter
PIC16CR54A	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16CR54B	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16CR56A	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16CR57B	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16CR57C	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16CR58A	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16CR58B	EPROM/ROM-based 8-bit CMOS-microcontroller
PIC16CR83	8-bit CMOS EEPROM microcontroller

Microchip

Motorola

More.....

PIC16CR84	8-bit CMOS EEPROM microcontroller
PIC16F83	8-bit CMOS EEPROM microcontroller
PIC16F84	8-bit CMOS EEPROM microcontroller
PIC16LCR84	8-bit CMOS EEPROM microcontroller
PIC16LF84	8-bit CMOS EEPROM microcontroller

Analog Devices

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68HC05L5	HCMOS 8-bit microcontroller with 8 Kbyte ROM
68HC05PL4	HCMOS 8-bit microcontroller with 4 Kbyte ROM
68HC05PL4B	HCMOS 8-bit microcontroller with 4 Kbyte ROM
68HC05X16	HCMOS 8-bit microcontroller with 16 Kbyte ROM
68HC05X32	HCMOS 8-bit microcontroller with 32 Kbyte ROM
68HC705B5	HCMOS 8-bit microcontroller with 7,25 Kbyte EPROM
68HC705B16	HCMOS 8-bit microcontroller with 16 Kbyte EPROM
68HC705B16N	HCMOS 8-bit microcontroller with 16 Kbyte EPROM
68HC705B32	HCMOS 8-bit microcontroller with 32 Kbyte EPROM
68HC705BD3	HCMOS 8-bit microcontroller with 7,75 Kbyte EPROM
68HC705BD7	HCMOS 8-bit microcontroller
68HC705C8A	HCMOS 8-bit microcontroller with 7,75 Kbyte EPROM
68HC705D32	HCMOS 8-bit microcontroller with 32 Kbyte ROM
68HC705E1	HCMOS 8-bit microcontroller
68HC705JB3	HCMOS 8-bit microcontroller with 2560 bytes ROM
68HC705JJ7	HCMOS 8-bit microcontroller with 6.160 bytes EPROM
68HC705JP7	HCMOS 8-bit microcontroller with 6.160 bytes EPROM
68HC705KJ1	HCMOS 8-bit microcontroller with 1 Kbyte EPROM
68HC705L5	HCMOS 8-bit microcontroller with 8 Kbyte EPROM
68HC705PL4	HCMOS 8-bit microcontroller with 4 Kbyte EPROM
68HC705PL4B	HCMOS 8-bit microcontroller with 4 Kbyte EPROM
68HC705SJ7	HCMOS 8-bit microcontroller with 6.160 bytes EPROM
68HC705SP7	HCMOS 8-bit microcontroller with 6.160 bytes EPROM
68HC705X32	HCMOS 8-bit microcontroller with 32 Kbyte EPROM

68HCR705JJ7	HCMOS 8-bit microcontroller with 6.160 bytes EPROM
68HCR705JP7	HCMOS 8-bit microcontroller with 6.160 bytes EPROM
68HCR705KJ1	HCMOS 8-bit microcontroller with 1 Kbyte EPROM
68HCR705SJ7	HCMOS 8-bit microcontroller with 6.160 bytes EPROM
68HCR705SP7	HCMOS 8-bit microcontroller with 6.160 bytes EPROM
68HLC705KJ1	HCMOS 8-bit microcontroller with 1 Kbyte EPROM
68HSC705C8A	HCMOS 8-bit microcontroller with 7,75 Kbyte EPROM
68HSC705C9A	HCMOS 8-bit microcontroller with 15.932 bytes EPROM

68HC08

CPU08	Family specification
68HC08AZ0	HCMOS 8-bit microcontroller
68HC08AZ16	HCMOS 8-bit microcontroller with 16 Kbyte ROM
68HC08AZ24	HCMOS 8-bit microcontroller with 24 Kbyte ROM

68HC08AZ32	HCMOS 8-bit microcontroller with 32 Kbyte ROM
68HC08AB0	HCMOS 8-bit microcontroller
68HC08AB16	HCMOS 8-bit microcontroller
68HC08AB24	HCMOS 8-bit microcontroller
68HC08AB32	HCMOS 8-bit microcontroller
68HC708AZ60	HCMOS 8-bit microcontroller with 1 Kbyte EEPROM
68HC708MP16	HCMOS 8-bit microcontroller
68HC908AZ60	HCMOS 8-bit microcontroller with 1 Kbyte EEPROM

68HC11

68HC11E0	HCMOS 8-bit high-performance microcontroller
68HC11E1	HCMOS 8-bit high-performance microcontroller with 512 bytes EEPROM
68HC11E8	HCMOS 8-bit high-performance microcontroller with 12 Kbyte ROM
68HC11E9	HCMOS 8-bit high-performance microcontroller with 12 Kbyte ROM and 512 bytes EEPROM

68HC11E20	HCMOS 8-bit high-performance microcontroller with 20 Kbyte ROM and 512 byte EEPROM
68HC11 F1	HCMOS 8-bits high-performance microcontroller with 512 byte EEPROM
68HC711E9	HCMOS 8-bit high-performance microcontroller with 12 Kbyte EPROM and 512 bytes EEPROM
68HC711E20	HCMOS 8-bit high-performance microcontroller with 20 Kbyte EPROM and 512 bytes EEPROM
68HC711D3	HCMOS 8-bit microcontroller with 4 Kbyte EPROM
68HC811E20	HCMOS 8-bit high-performance microcontroller with 20 Kbyte EPROM and 2048 bytes EEPROM

Analog Devices

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National Semiconductor

Philips

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National Semiconductor

COP8ACC5	8-bit OTP-microcontroller with A/D-converter
COP87L20CJ	8-bit OTP-microcontroller
COP87L22CJ	8-bit OTP-microcontroller
COP87L40CJ	8-bit OTP-microcontroller
COP87L42CJ	8-bit OTP-microcontroller
COP87L84CF	8-bit OTP-microcontroller
COP87L88CF	8-bit OTP-microcontroller
COP87L88EB	8-bit OTP-microcontroller
COP87L89EB	8-bit OTP-microcontroller

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ST6 Family

ST62E20C	8-bit microcontroller
ST62E25C	8-bit microcontroller
ST62E65C	8-bit microcontroller
ST62T08C	8-bit microcontroller
ST62T09C	8-bit microcontroller
ST62T10C	8-bit microcontroller
ST62T15C	8-bit microcontroller
ST62T20C	8-bit microcontroller
ST62T25C	8-bit microcontroller
ST62T55C	8-bit microcontroller
ST62T65C	8-bit microcontroller

ST7 Family

ST7	Product overview
ST7277	8-bit USB-microcontroller
ST72101	8-bit microcontroller
ST72212	8-bit microcontroller
ST72213	8-bit microcontroller
ST72251	8-bit microcontroller
ST72272	8-bit microcontroller
ST72311	8-bit microcontroller
ST72331	8-bit microcontroller
ST72371	8-bit microcontroller
ST72372	8-bit microcontroller
ST72671	8-bit microcontroller
ST72751	8-bit microcontroller
ST72752	8-bit microcontroller

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