

Philips Semiconductors 80C51, 51Mx and XA Microcontroller Support Matrix – Q2, 2002

Ashling provides Emulators and Debuggers for all derivatives in Philips Semiconductors' wide range of 80C51, 80C51Mx and XA microcontrollers, and for all Philips Smart Cards.

Philips Device	Ashling Emulator Order Code	Emulator Mainframe	Emulator Probe Pod	Interface Adapters	Ashling Debugger	Performance Analyzer	Code Coverage
Standard 8051 Microcontrollers							
8xC31, 8xC32, 8xC51, 8xC52, 8xC54, 8xC58	Ultra-8xC32	Ultra-51	PRU-8000	IN528PLDP	PathFinder-51	STARS 8bit 1MB	CodeScan-51
8xC58X2	Ultra-8xC58X2	Ultra-51	PRU-8000	IN528PLDP	PathFinder-51	STARS 8bit 1MB	CodeScan-51
8xC51FA, 8xC51FB, 8xC51FC	Ultra-8xC51Fx	Ultra-51	PRU-8000	IN528PLDP	PathFinder-51	STARS 8bit 1MB	CodeScan-51
8xC51RA+, 8xC51RB+, 8xC51RC+, 8xC51RD+	Ultra-8xC51Rx+	Ultra-51	PRU-8000	IN528PLDP	PathFinder-51	STARS 8bit 1MB	CodeScan-51
8xC51RB2, 8xC51RC2, 8xC51RD2	Ultra-8xC51Rx2	Ultra-51	PRU-8000	IN528PLDP	PathFinder-51	STARS 8bit 1MB	CodeScan-51
89C660, 89C662, 89C664, 89C668	Ultra-89C66x	Ultra-51	PRU-8000	IN528PLDP	PathFinder-51	STARS 8bit 1MB	CodeScan-51
8xC552, 8xC554	Ultra-8xC55x	Ultra-51	PRU-8000	IN552QFP/PLCC	PathFinder-51	STARS 8bit 1MB	CodeScan-51
8xC557E4, 8xC557E6, 8xC557E8	Ultra-8xC557Ex	Ultra-51	PRU-8000	IN558QFP	PathFinder-51	STARS 8bit 1MB	CodeScan-51
8xC591	Ultra-8xC591	Ultra-51	PRU-8000	IN528PLDP/591	PathFinder-51	STARS 8bit 1MB	CodeScan-51
8xCE560	Ultra-8xCE560	Ultra-51	PRU-8000	INQFP563	PathFinder-51	STARS 8bit 1MB	CodeScan-51
8xC190, 8xC390	Ultra-8xCx90	Ultra-51	PRU-8000	INSDIP190V2	PathFinder-51	STARS 8bit 1MB	CodeScan-51
8xC191, 8xC391	Ultra-8xCx91	Ultra-51	PRU-8000	INSDIP190V2	PathFinder-51	STARS 8bit 1MB	CodeScan-51
8xC199, 8xC399	Ultra-8xCx99	Ultra-51	PRU-8000	INSDIP190V2	PathFinder-51	STARS 8bit 1MB	CodeScan-51
80C51Mx eXpanded Memory Microcontrollers							
87C51MB2, 87C51MC2	Ultra-87C51Mx	Ultra-51	PRU-Mx	IN-Mx	PathFinder-51	STARS 8bit 1MB	CodeScan-51
Cordless Telephone 80C51 Microcontrollers							
PCD50913, PCD50923, PCD50953 PCD50914, PCD50924, PCD50954 PCD509221, PCD50951	Ultra-PCD509xy	Ultra-51	PRU-EH51	INPCD509xyR2	PathFinder-51	STARS 8bit 1MB	CodeScan-51
TV OSD/Teletext 80C51 Microcontrollers							
SAA5533, SAA5541, SAA5543, SAA5565H SAA55xxPS, TDA935x/6x/8xPS/N1	Ultra-SAA55xx	Ultra-51	PRU-SAA56xx & AD-SAA55xx	IN-SAA52SDIP	PathFinder-51	STARS 8bit 1MB	CodeScan-51
SAA56xxHL	Ultra-SAA56xx	Ultra-51	PRU-SAA56xx & AD-SAA56xx	IN-SAA100QFP	PathFinder-51	STARS 8bit 1MB	CodeScan-51
SAA5573, SAA5583, SAA5595H TDA935x/6x/8xPS/N2, TDA935x/6x/8xPS/N1, TDA955x/6x/8xH/N1, TDA959xPS/N1, TDA959xH/N1	Ultra-SAA55L+	Ultra-51	PRU-SAA56xx & AD-SAA55L+	Uses Philips adapter	PathFinder-51	STARS 8bit 1MB	CodeScan-51
Smart Card Microcontrollers							
P8WE50xx, P8WE60xx, MF21CD80, MF21CD81, MF21CD84	Ultra-P8WE5000	Ultra-51	PRU-P8WE5000	INCLA7816	PathFinder-51	STARS 8bit 1MB	CodeScan-51
P8RF5008, P8RF5016, P8RF6004, P8RF6008,	Ultra-P8RF5000	Ultra-51	PRU-P8RF5000	INCLA7816USB IN-GSM	PathFinder-51	STARS 8bit 1MB	CodeScan-51
P5SC004, P5SC008, P5SC016, P5SC032, P5SU032, P5SD004, P5SD016, P5SC008, P5CC016, P5CC032, P5CD032, P5CT064	Ultra-SmartMX	Ultra-51	PRU-SmartMX	INCLA7816USB IN-GSM	PathFinder-51	STARS 8bit 1MB	CodeScan-51
P16WD032, P16WD064, P16WM032, P16WM033, P16WM064, P7CC065, P16WX064	Ultra-SmartXA2	Ultra-XA	PRU-SmartXA2	INCLA7816USB IN-GSM	PathFinder-XA	STARS 16bit 1MB	N/A
XA 16-bit architecture Microcontrollers							
PXAG30	Ultra-XA-G3	Ultra-XA	PRU-XA & AD-XA-Gx	IN-XA-Gx	PathFinder-XA	STARS 16bit 1MB	N/A
PXAS30, PXAS37	Ultra-XA-S3	Ultra-XA	PRU-XA & AD-XA-S3	IN-XA-S3	PathFinder-XA	STARS 16bit 1MB	N/A
PXAG49, PXAG39	Ultra-XA-G49	Ultra-XA	PRU-XA & AD-XA-Gx	IN-XA-Gx	PathFinder-XA	STARS 16bit 1MB	N/A
PXAC37	Ultra-XA-C3	Ultra-XA	PRU-XA & AD-XA-C3	IN-XA-Gx	PathFinder-XA	STARS 16bit 1MB	N/A

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