



Product Change Notification / DSNO-15LGEQ586

Date:

08-May-2024

Product Category:

32-Bit Microcontrollers, 32-Bit Microprocessors, 8-Bit Microcontrollers, CAN PN Transceiver, Capacitive Touch Sensors, Car Access, Ethernet Controllers, Interface- Controller Area Network (CAN), Interface-LIN Transceiver, LIN System-In-Package, LIN Transceiver With Vreg, LIN Transceiver With Vreg And Relais Driver, LIN Transceiver With Vreg And Watchdog Timer, Memory, Motor Drivers, PoE PSE, Power Line Communications, Simple and Complex Programmable Logic, Smart Energy SOC, Smart Energy Wireless Communications, Touchscreen Controllers, Wireless IC, Wireless Modules

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6839 Final Notice: Implement new carrier tape leader and trailer length for various packages shipped from MPHL site.

Affected CPNs:

[DSNO-15LGEQ586_Affected_CPN_05082024.pdf](#)
[DSNO-15LGEQ586_Affected_CPN_05082024.csv](#)

Notification Text:

PCN Status:Final Notification

PCN Type:Manufacturing Change

Microchip Parts Affected:Please open one of the files found in the Affected CPNs section.
Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

Description of Change:Implement new carrier tape leader and trailer length for various packages shipped from MPHL site.

Pre and Post Change Summary:

Package Type	Package Width	Pre change		Post Change		
		Leader	Trailer	Leader	Trailer	
		Length	Length	Length	Length	
FCBGA	4.5x4.5x1.10 mm	445 mm	205 mm	400 mm	400 mm	
LFBGA	14x14x1.40 mm	445 mm	205 mm	400 mm	400 mm	
	15x15x1.40 mm					
LQFP	10x10x1.40 mm	445 mm	205 mm	400 mm	400 mm	
	14x14x1.40 mm					
	14x14x1.40 mm	450 mm	550 mm			
	20x20x1.40 mm	445 mm	550 mm			
	24x24x1.40 mm					
MQFP	10x10x2 mm	450 mm	550 mm	400 mm	400 mm	
MSOP	3x3 mm	445 mm	205 mm	400 mm	400 mm	
PLCC	8.9x8.9x4.40 mm	450 mm	550 mm	400 mm	400 mm	
	11.5x11.5x4.40 mm					
	16.6x16.6x4.4 mm					
	11.5x14x3.37 mm	445 mm	205 mm			
	16.6x16.6x4.4 mm					
PQFP	14x20x2.80 mm	450 mm	550 mm	400 mm	400 mm	
SOIC	.150 in (3.90 mm)	445 mm	205 mm	400 mm	400 mm	
	.300 in					
	.300 in	450 mm	550 mm			
SOIJ	.208 in	445 mm	205 mm	400 mm	400 mm	
SSOP	.209 in	445 mm	205 mm	400 mm	400 mm	
TFBGA	8x8x1.20 mm	445 mm	205 mm	400 mm	400 mm	
	9x9x1.20 mm					
	10x10x1.20 mm					
	11x11x1.20 mm					
	11x11x1.217 mm					
	14x14x1.20 mm					
	16x16x1.20 mm					
	16x16x1.23 mm					
	21x18x1.20 mm					
TQFN	5x5x1.20 mm	445 mm	205 mm	400 mm	400 mm	
TQFP	7x7x1 mm	445 mm	205 mm	400 mm	400 mm	
	10x10x1 mm					
	14x14x1 mm					
	10x10x1 mm	450 mm	550 mm			
TSOP	8x18.4x1 mm	445 mm	205 mm	400 mm	400 mm	
TSSOP	4.40 mm	445 mm	205 mm	400 mm	400 mm	
	4.40 mm	450 mm	550 mm			
UFBGA	5x5x0.65 mm	445 mm	205 mm	400 mm	400 mm	
	6x6x0.60 mm					
	10x5x0.60 mm					
UQFN	4x4x0.60 mm	445 mm	205 mm	400 mm	400 mm	
VDFN	3x3x1.00 mm	445 mm	205 mm	400 mm	400 mm	

	3x4.5x0.90 mm				
	3x4.5x1 mm				
	3x5.5x1 mm				
VFBGA	5x5x1mm	445 mm	205 mm	400 mm	400 mm
	7x7x1mm				
VFLGA	5x5x1.0mm	445 mm	205 mm	400 mm	400 mm
VQFN	3x3x1mm	445 mm	205 mm	400 mm	400 mm
	4x4x1mm				
	4x5x1mm				
	5x5x0.9mm				
	5x5x1mm				
	5x7x1mm				
	7x7x0.9mm				
	7x7x1mm				
	9x9x0.9mm				
	9x9x1mm				
WFBGA	10x10x0.8mm	445 mm	205 mm	400 mm	400 mm
WQFN	4x4x0.8mm	445 mm	205 mm	400 mm	400 mm

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by standardizing the carrier tape and trailer length for various packages shipped from MPHL site.

Change Implementation Status:In Progress

Estimated First Ship Date:May 15, 2024 (date code: 2420)

Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary:

	April 2024				May 2024				
Workweek	14	15	16	17	18	19	20	21	22
Final PCN Issue Date			x						
Estimated Implementation Date							x		

Method to Identify Change:Traceability code

Qualification Report:Not Applicable.

Revision History:April 16, 2024: Issued final notification.

May 08, 2024: Re-issued final notification. Updated pre and post change summary table to include package type and package width.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

ATSAMV70N20B-CBTV12
ATSAMV71N21B-CBTV15
ATSAMV70N20B-CBTV12-BW
ATSAMV70N20B-CBTV12-MB
ATSAMV71N21B-CBTV15-MB
ATSAMV71N20B-AABT
ATSAMV71N19B-AABT
ATSAMV70N19B-AABT
ATSAMV71N21B-AABT
ATSAMV70N20B-AABT
ATSAMV71N19B-AABTV04
ATSAMV71N21B-AABTV20
ATSAMV70N20B-AABTV22
ATSAMV71N21B-AABTV20-BW
ATSAMV71N20B-AABTVAO
ATA6629-GAQW
ATA6628-GLQW
ATA6630-GLQW
ATA6630-GLQW-V01
ATA6844-PLQW-1
ATA6843-PLQW-1
ATA6833C-PLQW-1
ATA6834C-PLQW-1
ATA664151-WNQW-1
ATA6662C-GAQW
ATA6662C-GAQW-V05
ATA6826C-TUQW
ATA6831C-PIQW-1
ATA6832C-PIQW-1
ATA6663-GAQW
ATA6664-GAQW
ATA6664-GAQW-V01
ATA6663-GAQW-V02
ATA6664-GAQW-V16
ATA6664-GAQW-V17
ATA6663-FAQW-1
ATA6663-FAQW-1V08
ATA6663-FAQW-1V10
ATA5279C-WGQW
ATA5279C-WGQW-V01
ATA5279C-WGQW-V03
ATA5021-GAQW
ATA5021-GAQW-V01
ATA5021-GAQW-V03
ATA6823C-PHQW-1
ATA6571-GCQW0-VAO

ATA6571-GCQW1-VAO
ATA663211-GAQW
ATA663254-GAQW
ATA663211-GAQW-V10
ATA663254-GAQW-V35
ATA663211-GAQW-V47
ATA663254-GAQW-VAO
ATA663254-GAQW-VAO-GM
ATA663211-GBQW
ATA663255-GBQW
ATA663232-GBQW
ATA663254-GBQW
ATA663231-GBQW
ATA663201-GBQW
ATA663203-GBQW
ATA663254-GBQW-V01
ATA663231-GBQW-V03
ATA663231-GBQW-V06
ATA663255-GBQW-V16
ATA663211-GBQW-V33
ATA663354-GDQW
ATA663331-GDQW
ATA663454-GDQW
ATA663431-GDQW
ATA663454-GDQW-V01
ATA6562-GAQW0
ATA6566-GAQW0
ATA6563-GAQW0
ATA6564-GAQW0
ATA6562-GBQW0
ATA6566-GBQW0
ATA6563-GBQW0
ATSAML21G18B-MNT
ATSAML21G18B-MNT-SLL
ATSAML21J18B-ANT
ATSAML21G16B-MUT
ATSAML21G17B-MUT
ATSAML21G18B-MUT
ATSAML22N16A-AUT
ATSAML22N17A-AUT
ATSAML22N18A-AUT
ATSAML22G16A-MUT
ATSAML22G17A-MUT
ATSAML22G18A-MUT
ATSAML22J16A-MUT
ATMEGA88PB-MUR
ATTINY804-SSNR
ATTINY1604-SSNR
ATTINY806-SNR

ATTINY1606-MNR
ATTINY806-MNR
ATTINY1604-SSFR
ATTINY1606-SFR
ATMEGA1608-AUR
ATMEGA808-XFR
ATMEGA1608-MFR
ATMEGA3209-MUR
ATMEGA3208-XUR
ATMEGA3208-MUR
ATMEGA3208-AUR
ATMEGA3209-MFR
ATMEGA3208-MFR
ATMEGA3209-AFR
MTCH1010T-V/SN
ATSAMD20E18A-MUTB2
ATSAMD20E18A-MUTB3
ATSAMD20G18A-MUT
ATSAMD20G14A-MUT
ATSAMD20G16A-MUTA2
ATSAMD20J16A-MUT
ATSAMD20J18A-MUT
ATSAMD20J15A-MUT
ATSAMD20J17A-MUT
ATSAMD20G17A-AUTA3
ATMXT1296M1T-ABRV01
ATMXT1296M1T-ABRV03
ATMXT1296M1T-ABRVAO
ATMXT1296M1T-ATRVA1
PIC32CM5164JH01048T-E/Y8X
PIC32CM1216MC00032T-I/RTB
PIC32CM6408MC00032T-I/PT
PIC32CM6408MC00048T-I/U5B
PIC32CM1216MC00048T-I/Y8X
PIC32CM1216MC00032T-E/RTB
PIC32CM1216MC00032T-E/RTBV01
PIC32CM1216MC00032T-E/PT
PIC32CM6408MC00032T-E/PT
PIC32CM6408MC00048T-E/U5B
PIC32CM6408MC00048T-E/Y8X
ATA6625C-GAQW
ATA6623C-GAQW
ATA6625C-GAQW-V01
ATA6625C-GAQW-V06
ATA6625C-GAQW-V09
ATA6625C-GAQW-V17
ATA6625C-GAQW-MB
ATA6624C-PGQW-1
ATA6622C-PGQW-1

ATA6626C-PGQW-1
ATA6622C-PGQW-1-MB
ATA6624C-PGQW-1V10-VW
ATA6824C-MFHW-1
ATA6836C-TIQW
ATA6836C-PXQW-1
ATA6838C-PXQW-1
ATA6836C-PXQW-1V01
ATA6631-GAQW
ATMEGA88SAN-15AT
ATMEGA88MAF-15AZ
ATTINY84-15MZ
ATTINY45-15MT2
ATTINY45-15MT2C02
ATTINY45-15ST1
ATTINY45-15MT1
ATTINY45V-15ST
ATTINY45-15ST
ATTINY45VMAH-15ST
ATTINY45-15MT
ATTINY45V-15MT
ATTINY45-15SZ
ATTINY45-15SZV01
ATTINY45-15MZ
ATTINY44V-15SST
ATTINY44V-15MT
ATTINY44-15SSZ
ATTINY44-15MZ
ATTINY25-15ST1
ATTINY25EDP-15ST1
ATTINY25GBE-15ST1
ATTINY25-15MT1
ATTINY25V-15ST
ATTINY25-15ST
ATTINY25-15ST-V01
ATTINY25-15MT
ATTINY25V-15MT
ATTINY25-15SZ
ATSAMHA0E16A-MZT-BVAO
ATSAMHA1E14A-MBT-BVAO
ATSAMHA1G16A-MBT-BV01
ATSAMHA1G15A-MBT-BV02
ATSAMHA1G16A-MBT-BV03
ATSAMHA1G16A-MBT-BV01-VW
ATA6670-FFQW-1V01
ATA6670-FFQW-1V18
ATR4252C-RAQW-1
ATR4252C-RAQW-1-MB
ATR4253C-PVQW-1

ATR4253C-PVQW-1V02
ATR4251C-TKQW
ATR4251C-PFQW
ATA8403C-6AQY-66
ATA8401C-6AQY-66
T5754C-6AQJ-66
T5754C-6APJ-66
ATA8404C-6DQY-66
ATA5749C-6DQY-64
ATA5745C-PXQW-1
ATA8202C-PXQW-1
ATA6264C-ALQW-V01
ATA6264C-ALQW-VAO
AT8356270-ZQ4T
AT8356712-ZL2T
AT8356712-ZL2TV01
AT89C51RB2T-RLRUL
AT89C51IC2T-RLRUL
AT89C51RC2T-RLRUL
AT89C51ID2-SLRUM
AT89C51RD2-SLRUM
AT89C51ED2T-RLRUM
AT89C51RD2T-RLRUM
AT89C51ED2T-RLRUMA0
AT89C51CC03CA-SLRUM
AT89C51CC01UAT-RLRUM
AT89CC01UAEDT-RLRUM
AT8356C25-ZQ6T
AT8356C59-ZQ1T
AT80C51RD2-SLRUM
AT86RF212B-ZUR
ATA5830-WNQW
ATA5830-WNQW1
ATA5780N-WNQW
ATA5830N-WNQW2
AT32UC3C2512C-A2ZRV01
AT32UC3B064-A2UR
AT32UC3B0128-A2UR
AT32UC3A0128-CTUR
AT32UC3A0256-CTUR
AT32UC3A0128-ALUR
AT32UC3A0256-ALUR
AT32UC3B1256-Z1UR
AT32UC3B1128-Z1UR
AT32UC3B164-Z1UR
ATMXT3432S-M-Z2UR023
AT32UC3B0256-A2UR
AT32UC3B1128-AUR
AT32UC3B1256-AUR

ATSAMC21E17A-AZT
ATSAMC21E18A-AZT
ATSAMC20E18A-AZT
ATSAMC20E17A-AZT
ATSAMC20E16A-AZT
ATSAMC20E15A-AZT
ATSAMC21E16A-AZTVAO
ATSAMC21E17A-AZTVAO
ATSAMC21E15A-AZTVAO
ATSAMC21G18A-MZT
ATSAMC21G17A-MZT
ATSAMC21G16A-MZT
ATSAMC21G15A-MZT
ATSAMC20G18A-MZT
ATSAMC20G17A-MZT
ATSAMC20G16A-MZT
ATSAMC20G15A-MZT
ATSAMC21G17A-MZTV08
ATSAMC21G18A-MZTV11
ATSAMC21G17A-MZTV12
ATSAMC21G18A-MZTV13
ATMEGA328P-MUR
ATMEGA328P-15MZ
ATMEGA328P-15AZ
ATMEGA164P-B15MZ
ATMEGA164P-B15AZ
ATMEGA48PA-MUR
ATMEGA48PA-15MZ
ATMEGA48PA-15MZV01
ATMEGA48PA-15AZ
ATMEGA16M1-15MD
ATMEGA16M1HCC-15MD
ATMEGA32C1-15MD
ATMEGA32M1-15MD
ATMEGA16M1-15AD
ATMEGA32C1-15AD
ATMEGA32M1-15AD
ATMEGA32M1-AUR
ATMEGA16M1-15MZ
ATMEGA32C1-15MZ
ATMEGA32M1-15MZ
ATMEGA16M1-15AZ
ATMEGA32C1-15AZ
ATMEGA32M1-15AZ
ATTINY167-A15XD
ATTINY87-A15XD
ATTINY167-A15MD
ATTINY167-XUR
ATTINY87-XUR

ATTINY167-SUR
ATTINY87-A15XZ
ATTINY167-A15XZ
ATTINY87-A15SZ
ATTINY167-A15SZ
ATTINY87-A15MZ
ATTINY167-A15MZ
ATTINY167-A15MZ-V01
ATTINY167-A15MZ-V02
ATMEGA32U4-MUR
ATMEGA16U4-AUR
ATMEGA32U4-AUR
ATA6564-GBQW0
ATA6562-GAQW1
ATA6561-GAQW
ATA6560-GAQW
ATA6564-GAQW1
ATA6563-GAQW1
ATA6566-GAQW1
ATA6560-GAQW-N
ATA6561-GAQW-N
ATA6560-GAQW-V03
ATA6560-GAQW-VAO
ATA6562-GBQW1
ATA6561-GBQW
ATA6560-GBQW
ATA6564-GBQW1
ATA6563-GBQW1
ATA6566-GBQW1
ATA6560-GBQW-N
ATA6561-GBQW-N
ATA6564-GBQW1-V07
ATA6560-GBQW-VAO
ATA6562-GBQW1-BW
ATA5293-GJQW-VA1
ATA5293-GJQW-V01
ATA5293-GJQW-V03
ATA5293-GJQW-VAO
ATA5296-GJQW-V02
ATA5296-GJQW-VAO
ATA5294-GJQW-VAO
ATA663211-GAQW-V12
ATA663211-GAQW-V37
ATA663211-GAQW-V24
ATA663232-GBQW-V14
ATA663211-GBQW-V32
ATA5291-GJQW
ATA5291-GJQW-V01
ATA5291-GJQW-V02

ATA5291-GJQW-V03
ATA5291-GJQW-V04
ATA5291-GJQW-V05
ATA5291-GJQW-V06
ATA5291-GJQW-V07
ATA5291-GJQW-V08
ATA5291-GJQW-V09
ATA5291-GJQW-V11
ATA6625-GAQW
ATA6625-GAQW-V01
ATA6625-GBQW
ATA6570-GCQW0
ATA6570-GNQW0
ATA6570-GNQW0-V06
ATA6570-GCQW1
ATA6570-GCQW1-V08-MB
ATA6570-GNQW1
ATA6570-GNQW1-V01
ATA6570-GNQW1-V02
ATA6570-GNQW1-V09
ATA5291N-GJQW
ATA5291N-GJQW-V01
ATA5291N-GJQW-V02
AT82000751-XQ9T
ATSAMA5D33A-CUR
ATTINY85-15MT
ATTINY85V-15MT
ATTINY85-15SZ
ATTINY85-15MZ
ATMEGA168-15MD
ATSAMD21E16B-MUT
ATSAMD21E15B-MUT
ATSAMD21E15B-MUTN01
ATSAMD21G16B-MUT
ATSAMD21G15B-MUT
ATSAMD21G16L-MUT
ATSAMD21E16B-MZT
ATSAMD21E16B-MZTV16
AT32UC3A4256J-C1UR
AT32UC3A4256S-C1URA1
AT32UC3A4128S-C1URA1
AT32UC3A4256HHB-C1UR
AT32UC3A3128-ALUR
AT32UC3A3128S-ALUR
AT32UC3A3256-ALUR
AT32UC3A3256S-ALUR
AT32UC3A364-ALUR
AT32UC3A364S-ALUR
ATMXT540E-ABR

ATMXT768E-ABR
ATMXT768EC06-ABR
ATMXT768E-ABR026
ATMXT768E-ATR
ATMXT540E-ATRV02
AT32UC3A0512-CTUR
AT32UC3A1512-AUR
AT32UC3A1128-AUR
AT32UC3A1256-AUR
AT32UC3A0512-ALTRA
AT32UC3A0512-ALUR
AT32UC3L0128-ZAUR
AT32UC3L0256-ZAUR
ATUC256L4U-ZAUR
ATUC64L4U-ZAUR
ATUC128L3U-Z3UR
ATUC256L3U-Z3UR
ATUC64L3U-Z3UR
ATUC128L3U-AUR
ATUC256L3U-AUR
ATUC64L3U-AUR
AT32UC3L0128-AUR
AT32UC3L0256-AUR
ATUC128L4U-AUR
ATUC256L4U-AUR
ATUC64L4U-AUR
ATUC64D4-Z1UR
ATUC128D4-Z1UR
ATUC128D3-Z2UR
ATUC64D3-A2UR
ATUC64D4-AUR
AT32UC3C1128C-AUR
AT32UC3C1256C-AUR
AT32UC3C1512C-AUR
AT32UC3C164C-AUR
AT32UC3C1256C-AURA0
AT32UC3C0128C-ALUR
AT32UC3C064C-ALUR
AT32UC3C0512C-ALUR
AT32UC3C0256C-ALUR
AT32UC3C2512C-Z2UR
AT32UC3C2128C-Z2UR
AT32UC3C2256C-Z2UR
AT32UC3C264C-Z2UR
AT32UC3C2128C-A2UR
ATF1502AS-7AX44-T
ATF1502AS-10JU44-113
ATF1502AS-10AU44-T
ATF1504AS-10JU44-T

ATF1504AS-10AU44-T
ATF1504ASL-25AU44-T
ATF16V8B-15SU-T
ATF1502ASV-15AU44-T
ATF1504ASV-15JU44-T
ATF1504ASVL-20JU44-T
AT28HC256-70SU-T
AT28HC256-90SU-T
AT28HC256-12SU-T
AT28HC256E-90SU-T
AT28HC256E-12SU-T
AT28HC256F-90SU-T
AT28C256-15SU-T
AT28C256E-15SU-T
AT28C256F-15SU-T
AT28BV256-20SU-T
AT28HC256-12JU-070
AT28HC256E-12JU-070
AT28C256F-15JU-T
AT28HC256-70JU-T
AT28HC256-90JU-T
AT28HC256-12JU-T
AT28HC256E-70JU-T
AT28HC256E-90JU-T
AT28HC256E-12JU-T
AT28HC256F-90JU-T
AT28C256-15JU-T
AT28C256E-15JU-T
AT28BV256-20JU-T
AT28C256EF-15JU-T
AT28HC64B-70SU-235
AT28C64B-15SU-T
AT28HC64B-70SU-T
AT28HC64B-90SU-T
AT28HC64B-12SU-T
AT28HC64BF-12SU-T
AT28BV64B-20SU-T
AT28C64B-15JU-235
AT28C64B-15JU-T
AT28HC64B-70JU-T
AT28HC64B-90JU-T
AT28HC64B-12JU-T
AT28HC64BF-12JU-T
AT28BV64B-20JU-T
AT28HC64B-90JUT-441
ATA5831V-WNQW
AT90CAN128-16AUR
AT90CAN128-15MZ
AT90CAN128-15AZ

AT90PWM2B-16SUR
AT90PWM3B-16MUR
AT90USB162-16MUR
AT90USB162-16AUR
AT90PWM216-16SUR
AT90PWM316-16MUR
ATXMEGA128A4U-CUR
ATXMEGA128D4-CUR
ATXMEGA64D4-CUR
ATXMEGA128D4-MHR
ATXMEGA128A4U-MHR
ATXMEGA64D4-MHR
ATXMEGA128A4U-AUR
ATXMEGA128D4-AUR
ATXMEGA128D4-AURA0
ATXMEGA64D4-AURA0
ATXMEGA64D4-AUR
ATMXT143E-ATR
ATMXT224E-ATR
ATMXT336S-ATR
ATMXT224S-ATR
ATMEGA328PB-ABTVAO
ATMEGA328PB-ABTV03-MB
AVR16EB28T-I/SS
AVR16EB32T-I/RXB
ATMEGA4809-AUR
ATMEGA4809-MFR
ATMEGA4808-MFR
ATMEGA4808-AFR
ATMEGA4808-AFR-VAO
ATMEGA4809-AFR
ATMEGA4809-AFR-V01
ATMEGA4809-AFR-VAO
AVR64EA48T-I/6LX
AVR64EA28T-I/SS
AVR64EA32T-I/RXB
AVR64EA28T-I/STX
AVR64EA32T-I/PT
AVR64EA48T-I/PT
AVR64EA48T-E/6LX
AVR64EA28T-E/SS
AVR64EA32T-E/RXB
AVR64EA28T-E/STX
AVR64EA48T-E/PT
AVR32EA48T-I/6LX
AVR32EA28T-I/SS
AVR32EA32T-I/RXB
AVR32EA28T-I/STX
AVR32EA32T-I/PT

AVR32EA48T-I/PT
AVR32EA48T-E/6LX
AVR32EA32T-E/RXB
AVR32EA28T-E/STX
AVR16EA48T-I/6LX
AVR16EA28T-I/SS
AVR16EA32T-I/RXB
AVR16EA32T-I/PT
AVR16EA48T-I/PT
AVR16EA32T-E/RXB
AVR16EA32T-E/PT
ATSAM4C16CB-AUTR
ATSAM4C8CB-AUTR
ATSAM4C8CB-AUR
ATSAM4S16BA-ANR
ATSAM4S8BA-ANR
ATSAM4S8BB-ANR
ATSAM4S16BB-ANR
ATSAM4S8BA-AUR
ATSAM4C32CA-AUTR
ATSAM4C32CA-AUR
ATSAM4S4BB-ANR
ATSAM4S2BB-ANR
ATSAM4S4BA-AUR
ATSAM4S2BA-AUR
ATSAMV70N20A-CBT
ATSAMD51P19A-CTUT
ATSAMD51P20A-CTUT
ATSAME54P19A-CTUT
ATSAME54P20A-CTUT
ATSAME51N19A-AUT
ATSAME51N20A-AUT
ATSAMD51N19A-AUT
ATSAMD51N20A-AUT
ATSAME53N19A-AUT
ATSAME53N20A-AUT
ATSAME54N19A-AUT
ATSAME54N20A-AUT
ATSAMD21G17D-AUT
ATSAMD21E17D-MZTV02
ATSAMD21E17D-MZTVAO
ATSAMD21E17L-MFT
ATSAMD21E17D-MFT
ATSAMD21G17D-MFT
ATSAMD21E17L-AFT
ATSAMD21E17D-AFT
ATSAMD21J17D-MFT
ATSAMD21G17D-MZTV03
ATSAMD21G17D-MZTV04

ATSAMD21G17D-MZTV04-BW
ATSAMD21J17D-AFT
ATSAMD21J17D-AZTVAO
ATSAMD21G17D-AFT
ATSAMD21G17D-AZT
PIC32CM2532LE00100T-I/PF
PIC32CM2532LE00048T-I/U5B
PIC32CM2532LS00048T-I/U5B
PIC32CM5164LE00048T-I/U5B
PIC32CM5164LS00048T-I/U5B
ATSAMDA1E16A-MBTV02001
ATSAMDA1E16A-MBT
ATSAMDA1E16A-ABT
ATSAMDA1E15A-ABT
ATSAMDA1G16A-MBT
ATSAMDA1J16A-ABT
ATSAMDA1J15A-ABT
ATSAMDA1J16A-ABTV01
ATSAMDA1G16A-ABT
ATSAMDA1G15A-ABT
ATSAMDA1G14A-ABT
ATSAMD10D13A-MNT
ATSAMD10D14A-MNT
ATSAMD11D14A-MNT
ATSAMD10D14A-SSUT
ATSAMD11D14A-MUT
ATSAMD10D14A-MUT
ATSAMD09D14A-MUT
ATSAMD11D14A-MUTN03
ATSAML21G16B-MNT
AT32UC3B164-AUR
AT91SAM7S128D-AU-999
AT91SAM7S256D-AU-999
ATMXT1664S-AUR
ATMXT1664S-ATR
ATMXT1188S-ATR
ATSAM4LC4CA-AUR
ATSAM4LS4CA-AUR
ATSAM4LC2CA-AUR
ATSAM4LS2CA-AUR
ATSAM4LC4AA-MUR
ATSAM4LS4AA-MUR
ATSAM4LC2AA-MUR
ATSAM4LS2AA-MUR
ATSAM4LC4BA-MUR
ATSAM4LS4BA-MUR
ATSAM4LC2BA-MUR
ATSAM4LS2BA-MUR
ATSAM4LC4BA-AUR

ATSAM4LS4BA-AUR
ATSAM4LC2BA-AUR
ATSAM4LS2BA-AUR
ATSAM4LC4AA-AUR
ATSAM4LS4AA-AUR
ATSAM4LC2AA-AUR
ATSAM4LS2AA-AUR
ATMEGA2564RFR2-ZUR
ATMEGA2564RFR2-ZFR
ATMEGA2564RFR2-ZFRP01
ATMEGA168PB-MUR
ATMEGA88PB-MNR
ATA5830N-WNQW
ATA5830N-WNQW1
ATA5780N-WNQW-V05
ATA5830-WNQW-MB
AT86RF231-ZUR
ATSAMV71N21B-AABTV20-MB
ATSAMV71Q21B-AABT
ATSAMV71Q20B-AABT
ATSAMV70J19B-AABT
ATSAMV70J20B-AABT
ATSAMV71J20B-AABT
ATSAMV71J19B-AABT
ATSAME70Q19B-CNT
ATSAMV70Q19B-CBTV03
ATSAMS70N19B-CNT
LAN9360C-V/CQBT-301-V04
ATSAME70N19B-ANT
ATSAMV71N19B-AABTV01
ATSAME70Q19B-ANT
ATSAMS70Q19B-ANT
LAN9360C-I/CQBT-101
ATSAMD51P20A-CTUT-EFP
ATSAME53N20A-AUT-EFP
ATSAME54N20A-AUT-EFP
PIC32CX1025SG41100T-I/E5X
ATSAMD51J20A-AUT-EFP
ATSAME53J19A-AUT-EFP
ATSAMD21E16B-MZTVAO
ATSAMD21E16B-MFT
ATSAMD21E15B-MFT
ATSAMD21E16L-MFT
ATSAMD21E15L-MFT
ATSAMD21E16L-AFT
ATSAMD21E15L-AFT
ATSAMD21E16B-AZTVAO
ATSAMD21G16B-MZT
ATSAMD21G16B-MZTV23

- ATSAMD21J16B-MZTVAO
- ATSAMD21G16B-AZTVAO
- ATSAMD20E16B-MNT
- ATSAMD20E14B-MNT
- ATSAMD20E15B-MNT
- ATSAMD20G16B-MNT
- ATSAMD20G14B-MNT
- ATSAMD20G15B-MNT
- ATSAMD20E16B-ANT
- ATSAMD20E14B-ANT
- ATSAMD20E15B-ANT
- ATSAMD20J16B-MNT
- ATSAMD20J14B-MNT
- ATSAMD20J15B-MNT
- ATSAMD20J16B-ANT
- ATSAMD20J14B-ANT
- ATSAMD20J15B-ANT
- ATSAMD20G16B-ANT
- ATSAMD20G14B-ANT
- ATSAMD20G15B-ANT
- ATSAMD20E16B-MUT
- ATSAMD20E15B-MUT
- ATSAMD20E14B-MUT
- ATSAMD20G16B-MUT
- ATSAMD20G14B-MUT
- ATSAMD20G15B-MUT
- ATSAMD20E16B-AUT
- ATSAMD20E14B-AUT
- ATSAMD20E15B-AUT
- ATSAMD20J16B-MUT
- ATSAMD20J14B-MUT
- ATSAMD20J15B-MUT
- ATSAMD20J16B-AUT
- ATSAMD20J14B-AUT
- ATSAMD20J15B-AUT
- ATSAMD20G16B-AUT
- ATSAMD20G14B-AUT
- ATSAMD20G15B-AUT
- ATMXT640UD-CCUR306
- ATMXT640UD-CCUR001
- ATMXT448UD-CCUBRHA1
- ATMXT640UD-CCUBRH04
- ATMXT640U-CCUR023
- ATMXT640U-CCUR001
- ATMXT640U-CCUR300
- ATMXT640UD-CCUR301
- ATMXT640UD-CCUR302
- ATMXT144UD-AMBRSLI2CV04
- ATMXT288UD-AMBRI2CVA1

ATMXT288UD-AMBRI2CVAO
ATMXT288UD-AMTRI2CVA1
ATSAMD21J18A-MZTV03-BW
ATSAMD21J18A-AZTV04
ATSAMD21J18A-AZTVAO
ATSAMD21G17A-AZT
ATSAMD21G18A-AZT
ATMXT2912TD-ABRRAV04
ATMXT2912TD-ABRVA1
ATMXT2912TD-ABRKDEDVAO
ATMXT2912TD-ABRVA4-GM
ATMXT2912TD-ABRKDEDVAO-GM
ATMXT2952T2-C2UR052
ATMXT2952T2-C2UR069
ATMXT2952T2-C2UR078
ATMXT2952TM-C2UR020
ATMXT225T-ABR
ATMXT641T-ABR
ATMXT449T-ABR
ATMXT641TD-ABR
ATMXT449T-ABR074
ATMXT641T-ABR074
ATMXT225TD-ABR
ATMXT449TD-ABR
ATMXT641TD-ABRV04
ATMXT449TD-ABRV13
ATMXT641TD-ABRV20
ATMXT225TD-ABRV23
ATMXT449TD-ABRV25
ATMXT641T-ABRV29
ATMXT449TD-ABRV30
ATMXT641TD-ABRV31
ATMXT641T-ABRV37
ATMXT449T-ABRV52
ATMXT449TD-ABRV63
ATMXT449TD-ABRV25-VW
ATMXT640T-CCUR052
ATMXT640T-CCUR300
ATMXT641TD-ATR081
ATMXT225T-ATR
ATMXT641T-ATR
ATMXT449T-ATR
ATMXT641TC01-ATR
ATMXT641TH-ATR
ATMXT641T-ATR064
ATMXT449T-ATR066
ATMXT641TD-ATR
ATMXT449T-ATR074
ATMXT1189TD-ABRSPIV11

ATMXT1189TD-ABRI2CV13
ATMXT1189T-ABR
ATMXT1189TD-ABRSPIV11-VW
ATMXT799T-ATR
ATMXT1189T-ATR
ATMXT1189T-ATRV04
ATMXT799TH-ATRV18
ATMXT1189TC01-ATRV08
ATMXT1189TD-ATRI2CV19
ATMXT1665TD-ATRI2CVAO
ATMXT1067TD-ABRI2CV04
ATMXT1067TD-ABRI2CV07
ATMXT1067TD-ABRI2CV10
ATMXT1067TD-ABRI2CCPV12
ATMXT1067TD-ABRI2CVAO
ATMXT1067TD-ABRI2CEDVAO
ATMXT1067TD-ABRI2CEDVAO-GM
ATMXT1067TD-ATRI2CV03
ATMXT1067TD-ATRSPIV06
ATMXT1067TD-ATRI2CCPV09
ATMXT1067TD-ATRI2CVAO
ATSAMD20E14A-MNT
ATSAMD20E16A-MNT
ATSAMD20E18A-MNT
ATSAMD20J18A-MNT
ATSAMD20J15A-MNT
ATSAMD20E14A-MUT
ATSAMD20E15A-MUT
ATSAMD20E15A-MUTA2
ATSAMD20E16A-MUT
ATSAMD20E17A-MUT
ATSAMD20E18A-MUT
ATSAMD20E18A-MUTA8
ATSAMD20E18A-MUTA9
ATSAMD20E14A-MUTA2
AT27C020-90JU-T
AT27C4096-55JU-T
AT27C4096-90JU-T
AT27C040-70JU-T
AT27C040-90JU-T
AT27C080-90JU-T
AT27C010-45JU-T
AT27C010-70JU-T
AT27LV040A-90JU-T
ATTINY88-MUR
ATTINY88-15MZ
AT42QT1110-MZ
ATTINY88HGM-15MZ
ATTINY88-15MZVAO

- ATTINY88-15AZ
- AT42QT1110-AZ
- ATMEGA324PHBL-B15MT
- ATMEGA324P-B15MZ
- ATMEGA324P-B15AZ
- ATTINY261-15XD
- ATTINY261-15MD
- ATTINY261A-MUR
- ATTINY261-15XZ
- ATTINY261-15SZ
- ATTINY261-15MZ
- ATSAMC21G17A-MZTV24
- ATSAMC21G18A-MZTVAO
- ATSAMC21G17A-MZTVAO
- ATSAMC21G16A-MZTVAO
- ATSAMC20G17A-MZTVAO
- ATSAMC21G17A-MZTV08-HK
- ATSAMC21J18A-MZT
- ATSAMC21J17A-MZT
- ATSAMC21J16A-MZT
- ATSAMC21J15A-MZT
- ATSAMC20J18A-MZT
- ATSAMC20J17A-MZT
- ATSAMC20J16A-MZT
- ATSAMC20J15A-MZT
- ATSAMC21J16A-MZTV03
- ATSAMC21J17A-MZTV04
- ATSAMC21J17A-MZTV09
- ATSAMC21J18A-MZTVAO
- ATSAMC21J17A-MZTVAO
- ATSAMC21J16A-MZTVAO
- ATSAMC21J17A-MZTV09-HK
- ATSAMC21J17A-MZTV04-VW
- ATSAMC21J16A-MZTV03-VW
- ATSAMC21J15A-AZT
- ATSAMC21J17A-AZT
- ATSAMC21J18A-AZT
- ATSAMC21J17A-AZTV06
- ATSAMC21J18A-AZTV19
- ATSAMC21G15A-AZT
- ATSAMC21G16A-AZT
- ATSAMC21G17A-AZT
- ATSAMC21G18A-AZT
- ATSAMC20G18A-AZT
- ATSAMC20G17A-AZT
- ATSAMC20G16A-AZT
- ATSAMC20G15A-AZT
- ATSAMC21G18A-AZTV21
- ATSAMC21G17A-AZTVAO

ATSAMC21G18A-AZTVAO
ATSAMC21N18A-ANT
ATSAMC21N18A-AZTVAO
ATSAMC21N17A-AZTVAO
ATSAMC21N18A-AZTVAO-GM
ATSAMC20N17A-AZTVAO
ATSAMC21N18A-AZTV02-VW
ATSAMD21E18A-MUT
ATSAMD21E17A-MUT
ATSAMD21G17A-MUT
ATSAMD21G18A-MUT
ATSAMD21G18A-MUTN01
ATSAMD21J17A-MUT
ATSAMD21J18A-MUT
ATSAMD21J18A-MUTN01
ATSAMD21J18A-MMZTV05
ATSAMD21E18A-MZT
ATSAMD21E17A-MZT
ATSAMD21E18A-MFT
ATSAMD21G17A-MFT
ATSAMD21G18A-MFT
ATSAMD21E18A-AZT
ATSAMD21E17A-AZT
ATSAMD21E18A-AZTVAO
ATSAMD21J18A-MFT
ATSAMD21G18A-MZT
ATSAMD21G17A-MZT
ATSAMD21G18A-MZTV02
ATSAMD21G18A-MZTV02-BW
ATSAMD21G18A-MZTVAO
ATSAMD21J18A-MZT
ATSAMD21J17A-MZT
ATSAMD21J18A-MZTV03
ATSAML22J17A-MUT
ATSAML22J18A-MUT
ATSAML22J18A-AUT
ATSAML22G16A-AUT
ATSAML22G17A-AUT
ATSAML22G18A-AUT
ATSAML10D14A-YUT
ATSAML10D15A-YUT
ATSAML10D16A-YUT
ATSAML11D14A-YUT
ATSAML11D15A-YUT
ATSAML11D16A-YUT
ATSAML10D14A-MUT
ATSAML10D15A-MUT
ATSAML10D16A-MUT
ATSAML11D14A-MUT

ATSAML11D15A-MUT
ATSAML11D16A-MUT
ATTINY412-SSBT-VAO
ATTINY402-SSBT-VAO-MB
ATTINY214-SSNR
ATTINY404-SSBT-VAO
ATTINY416-MNR
ATTINY406-MNR
ATTINY406-MZT-VAO-MB
ATTINY412-SSFRA0
ATTINY202-SSZT-VAO
ATTINY412-SSZT-VAO
ATTINY406-SFR
ATTINY406-MFR
ATTINY416-MFR
ATTINY1616-MBT-V09
ATTINY1616-MBT-V01
ATTINY1616-MBT-V11
ATTINY1616-MBT-V15
ATTINY1616-MBT-VAO
ATTINY1616-MBT-V03-MB
ATTINY1614-SSNR
ATTINY1616-MNR
ATTINY1617-MNR
ATTINY1617-MBT-V08
ATTINY1617-MBT-VAO
ATTINY1616-MZT-V04
ATTINY1616-MZT-V02
ATTINY1616-MZT-VAO
ATTINY1616-SFR
ATTINY1616-MFR
ATTINY1617-MFR
ATTINY1617-MZT-V14
ATTINY1617-MZT-V06
AT90PWM81OS-B16MNR
ATMEGA64M1-15MD
ATMEGA64C1-15MD
ATMEGA64M1-15AD
ATMEGA64C1-15AD
ATMEGA64M1-15MZ
ATMEGA64C1-15MZ
ATMEGA64M1-15AZ
ATMEGA64C1-15AZ
ATMEGA16U2-MUR
ATMEGA88-15MT2
ATMEGA88-15AD
ATMEGA88V-15MT
ATMEGA88V-15AT
ATMEGA88MAE-15AT

ATSAMD51N20A-AUT-EFP
ATSAMD51G18A-MUT
ATSAMD51G19A-MUT
ATSAMD51G19A-MUT-EFP
ATSAME51J19A-MUT
ATSAME51J18A-MUT
ATSAMD51J18A-MUT
ATSAMD51J19A-MUT
ATSAMD51J20A-MUT
ATSAME53J18A-MUT
ATSAME53J19A-MUT
ATSAME53J20A-MUT
ATSAME51J20A-MUT
ATSAMD51J19A-MUT-EFP
ATSAME51J19A-AUT
ATSAML10D15A-MFT
ATSAML10D16A-MFT
ATSAML11D14A-MFT
ATSAML11D15A-MFT
ATSAML11D16A-MFT
ATSAML10E14A-MFT
ATSAML10E15A-MFT
ATSAML11E14A-MFT
ATSAML11E15A-MFTKPH
ATSAML11E15A-MFT
ATSAML10E16A-MFT
ATSAML11E16A-MFTKPH
ATSAML11E16A-MFT
ATSAML10E14A-AFT
ATSAML10E15A-AFT
ATSAML10E16A-AFT
ATSAML11E14A-AFT
ATSAML11E15A-AFTKPH
ATSAML11E15A-AFT
ATSAML11E16A-AFTKPH
ATSAML11E16A-AFT
ATSAML10D16A-MZTV01
ATSAMDA1E16B-MBTV19001
ATSAMDA1E16B-MBT
ATSAMDA1E15B-MBT
ATSAMDA1E14B-MBT
NI32DA14-MBT
NI32DA16-MBT
ATSAMDA1E16B-MBTV01
ATSAMDA1E16B-MBTV11
ATSAMDA1E16B-MBTV13
ATSAMDA1E16B-MBTVAO
ATSAMDA1E16B-MBTV11-MB
ATSAMDA1E16B-MBTV22-MB

ATSAMDA1E16B-MBTV19001-MB

ATSAMD21E16L-MNTB7

ATSAMD21E16L-MNT

ATSAMD21G16L-MNT

ATSAMDA1E16B-ABT

ATSAMDA1E15B-ABT

ATSAMDA1E14B-ABT

ATSAMDA1E16B-ABTVAO

ATSAMDA1G16B-MBT

ATSAMDA1G15B-MBT

ATSAMDA1G14B-MBT

ATSAMDA1G16B-MBTV20-MB

ATSAMDA1J16B-ABT

ATSAMDA1J15B-ABT

ATSAMDA1J14B-ABT

ATSAMDA1J16B-ABTV03

ATSAMDA1J16B-ABTV05

ATSAMDA1J16B-ABTV06

ATSAMDA1G16B-ABT

ATSAMDA1G15B-ABT

ATSAMDA1G14B-ABT

ATSAMDA1G16B-ABTV08

ATMEGA168-15AD

ATMEGA168-15MT1

ATMEGA168SAN-15AT

ATMEGA168-C6-15AZ

ATMEGA169P-15AT

ATMEGA48V-10AUR

ATMEGA48-20AUR

ATMEGA88V-10AUR

ATMEGA88-20AUR

ATMEGA168-20AUR

ATMEGA168V-10AUR

AT90USB1286-MUR

AT90USB1286-AUR

AT90USB1287-AUR

AT90CAN32-15MT1

AT90CAN32-15AT1

AT90CAN32-15MT

AT90CAN32-16MUR

AT90CAN32-15AT

AT90CAN32-16AUR

AT90CAN32-15MZ

AT90CAN32-15AZ

AT90CAN64-15MT1

AT90CAN64-15AT1

AT90CAN64-15MT

AT90CAN64-15AT

AT90CAN64-16AUR

AT90CAN64-15MZ
AT90CAN64-15AZ
AT90USB647-MUR
AT90USB646-MUR
AT90USB646-AUR
AT90USB647-AUR
AT90CAN128-15MT1
AT90CAN128-15AT1
AT90CAN128-16MUR
AT90CAN128-15MT
AT90CAN128-15AT
ATTINY261ECL-15MZ
ATTINY261-15MAZ
ATTINY48-MUR
ATMEGA88PA-MUR
ATMEGA88PA-15MZ
ATMEGA88PA-15MZV03
ATMEGA88PA-15MZV04
ATMEGA88PA-15AZ
ATMEGA88PA-15AZV01
ATMEGA88PA-15AZV02
ATMEGA168PA-MUR
ATMEGA168PA-15MZ
ATMEGA168PA-15MZV03
ATMEGA168PA-15AZ
ATTINY861-15XD
ATTINY861-15MD
ATTINY861A-MUR
ATTINY861-15XZ
ATTINY861-15SZ
ATTINY861-15MZ
ATTINY861-15MAZ
ATTINY461-15XD
ATTINY461-15MD
ATTINY461A-MUR
ATTINY461-15XZ
ATTINY461-15SZ
ATTINY461-15MZ
ATTINY461-15MZV01
ATTINY461-15MAZ
ATSAML10E14A-MUT
ATSAML10E15A-MUT
ATSAML10E16A-MUT
ATSAML11E14A-MUT
ATSAML11E15A-MUT
ATSAML11E16A-MUTKPH
ATSAML11E16A-MUT
ATSAML10E14A-AUT
ATSAML10E15A-AUT

ATSAML10E16A-AUT
ATSAML11E14A-AUT
ATSAML11E15A-AUT
ATSAML11E16A-AUTKPH
ATSAML11E16A-AUT
ATSAML10D14A-YFT
ATSAML10D15A-YFT
ATSAML10D16A-YFT
ATSAML11D14A-YFT
ATSAML11D15A-YFT
ATSAML11D16A-YFT
ATSAML10D14A-MFT
ATSAMA5D34A-CUR
ATSAMA5D31A-CUR
ATSAMA5D35A-CUR
ATSAMA5D36A-CUR
ATSAM2613LC-CUR-101
ATSAM2613HC-CUR-101
ATSAMA5D26C-CNR
ATSAMA5D27C-CNR
ATSAMA5D27C-CNRVAO
ATSAMA5D29-CNRVAO
ATSAMA5D26C-CUR
ATSAMA5D27C-CUR
ATA6264P-ALQW-1
PIC32CX1012BZ25048T-I/MYX
PIC32CX1012BZ25048T-IA2/MYX
PIC32CX1012BZ25048T-IA0/MYX
MPL360BT-I/SCB
MPL360BT-I/Y8X
ATA5350-7MQW-V02
ATA5350-7MQW-VAO
SAM9X60T-V/DWB
SAM9X60T-V/DWBVAO
PIC32CX2051MTC128T-I/X9B
PIC32CX2051MTG128T-I/X9B
PIC32CX1025MTC128T-I/X9B
PIC32CX1025MTG128T-I/X9B
PIC32CX5112MTC128T-I/X9B
PIC32CX5112MTG128T-I/X9B
SAM9X75T-I/4PB
SAM9X70T-I/4PB
SAM9X72T-I/4PB
SAMA7G54T-V/4HB
SAMA7G54T-E/4HB
AT28C256-15JU-043
AT28C256-15JU-323
AT28LV010-20TU-235
AT28C010-12TU-T

AT28C010E-12TU-T
AT28C010-15TU-T
AT28C010E-15TU-T
AT28LV010-20TU-T
AT28LV010-20TU-630
AT28C010-12JU-235
AT28C010E-12JU-235
AT28C010-15JU-235
AT28C010E-15JU-235
AT28LV010-20JU-235
AT28C010-12JU-T
AT28C010E-12JU-T
AT28C010-15JU-T
AT28C010E-15JU-T
ATMXT336SC11-ATR
ATMXT336SC18-ATR
ATXMEGA32D4-CUR
ATXMEGA16D4-CUR
ATXMEGA32D4-MHRA4
ATXMEGA16D4-MHR
ATXMEGA32D4-MHR
ATXMEGA16D4-AURA2
ATXMEGA16D4-AUR
ATXMEGA64D3-15A2T1
ATXMEGA64D3-15AT1
ATXMEGA16E5-ANR
ATXMEGA32E5-ANR
ATXMEGA16E5-M4UR
ATXMEGA32E5-M4UR
AT73C507-M4UR730
ATXMEGA8E5-MUR
ATXMEGA32E5-MUR
ATXMEGA32E5-MURA88
ATXMEGA16E5-AUR
PIC32CX2051MTSH128T-I/X9B
PIC32CX1025MTSH128T-I/X9B
PIC32CX5112MTSH128T-I/X9B
WINCS02IC
ATA5773C-PXQW-1
ATA5774C-PXQW-1
ATSAM4CMS16CC-AUTR
ATSAM4CMP8CC-AUTR
ATSAM4CMP16CC-AUTR
ATSAM4CMS8CC-AUTR
ATSAM4CMS16CC-AUR
ATSAM4CMS8CC-AUR
ATSAM4CMP8CC-AUR
ATSAM4CMP32CB-AUTR
ATSAM4CMS32CB-AUTR

ATSAM4CMS32CB-AUR
ATSAM4CMP32CB-AUR
ATSAMR30E18A-MUT
ATSAMR30E18A-MUTA0
ATSAMR30G18A-MUT
ATSAMR30G18A-MUTA0
ATSAMR21E18A-MUT
ATSAMR21E16A-MUT
ATSAMR21E17A-MUT
ATSAMR21G16A-MUT
ATSAMR21G17A-MUT
ATSAMR21G18A-MUT
ATSAMR21G18A-MUTA6
ATSAMR21E18A-MFT
ATSAMR21E16A-MFT
ATSAMR21E17A-MFT
ATSAMR21G16A-MFT
ATSAMR21G17A-MFT
ATSAMR21G18A-MFT
ATSAMR21E19A-MFT
ATSAMR21E19A-MFTP01
ATSAMHA0E14A-MZT-BV08
ATSAMHA1E16A-MBT-BV05
ATSAMHA1E16A-MBT-B510
ATSAMHA1E16A-MBT-BVAO
ATSAMHA1E15A-MBT-BVAO
ATSAMHA0G17A-MZT-BVAO
AT32UC3C2256C-A2UR
AT28HC64B-70JUT-441
AT27BV256-70JU-T
AT27LV256A-90JU-T
AT27LV512A-90JU-T
AT27BV1024-90JU-T
AT27BV010-90JU-T
AT27LV010A-70JU-T
AT27LV020A-12JU-T
SAM9X60D5MT-I/4FB
SAM9X60D1GT-I/4FB
SAM9X60D6KT-I/4GB
MPL460AT-I/4LB
MPL485AT-I/AJA
MEC5107K-D4-LJ-TR
SAM9X75D1GT-I/4TB
SAM9X75D2GT-I/4TB
ATA5724P3C-TKQW
ATA8204P3C-TKQW
ATA5723P3C-TKQW
SAMA7G54D2GT-I/4UB
SAMA7G54D1GT-I/4UB

ATA6617C-P3QW-1
ATA6616C-P3QW-1
ATA6617C-P3QW-1V01
ATA6612C-PLQW-1
ATA6613C-PLQW-1
ATA6613C-PLQW-1V02
ATA6614Q-PLQW-1
ATA6614Q-PLQW-1-MB
AT27C256R-45JU-T
AT27C256R-70JU-T
AT27C512R-45JU-T
AT27C512R-70JU-T
AT27C1024-45JU-T
AT27C1024-70JU-T
AT27C2048-55JU-T
AT27C2048-90JU-T
AT27C020-55JU-T
ATTINY1617-MZT-VAO
ATTINY416-MBT-V01
ATTINY816-MBT-V02
ATTINY816-MBT-V07-MB
ATTINY416-MBT-VAO
ATTINY816-MBT-VAO
ATTINY814-SSNR
ATTINY814-SSBT-VAO
ATTINY816-SNR
ATTINY816-SBT-VAO
ATTINY816-MNR
ATTINY817-MNR
ATTINY817-MBT-V04
ATTINY417-MBT-VAO
ATTINY817-MBT-VAO
ATTINY416-MZT-V03
ATTINY416-MZT-VAO
ATTINY816-MZT-VAO
ATTINY814-SSZT-VAO
ATTINY816-SZT-VAO
ATTINY816-MFR
ATTINY817-MFR
ATTINY417-MZT-VAO
ATTINY817-MZT-VAO
ATTINY3216-SNR
ATTINY3217-MNR
ATTINY3217-MBT-V05
ATTINY3217-MBT-VAO
ATTINY3217-MFR
ATTINY3217-MZT-VAO
ATMEGA324PB-ABTVAO
ATMEGA324PB-MBTV01

ATMEGA324PB-MBTVAO
ATMEGA328PB-MBTV01
ATMEGA328PB-MBTVAO
ATMXT641T-ATR074
ATMXT225TD-ATR
ATMXT449TD-ATR
ATMXT641T-ATRV01
ATMXT449T-ATRV02
ATMXT225T-ATRV05
ATMXT641T-ATRV12
ATMXT641TD-ATRV15
ATMXT449TD-ATRV27
ATMXT641TH-ATRV39
ATMXT449T-ATRV42
ATMXT641T-ATRV45
ATMXT641TD-ATRV54
ATMXT641TD-ATRCPV55
ATMXT1189TC01-ABRV01
ATMXT1189T-ABRV03
ATMXT144UD-AMTRSLI2CVAO
ATSAMC21E16A-MNT
ATSAMC21E18A-MNT
ATSAMC21E18A-MNTDY
ATSAMC21E16A-MNTS2
ATSAME53J20A-AUT
ATSAMD51P19A-AUT
ATSAMD51P19A-AUT-EFP
ATSAMD51P20A-AUT
ATSAME54P19A-AUT
ATSAME54P20A-AUT
PIC32CX1025SG41128T-I/Z2X
ATSAMD51P19A-CTFT
ATSAME54P20A-CTFT
ATSAME51N20A-AFT
ATSAME53N19A-AFT
ATSAME54N19A-AFT
ATSAMD51P19A-CTZT
ATSAMD51G19A-MFT
ATSAMD51J19A-MFT
ATSAME51G19A-MZT510
ATSAMD51J18A-MZT
ATSAME51J20A-MZT
ATSAMD51J18A-AFT
ATSAMD51J19A-AFT
ATSAME51J18A-AFT
ATSAME51J18A-AZT
ATSAME51J19A-AFT
ATSAME51J20A-AFT
ATSAME51J20A-AZT

ATSAMD51P19A-AFT
ATSAMD51P20A-AFT
ATSAME54P20A-AFT
ATSAME54P20A-AZT
PIC32CX1025SG41128T-E/Z2X
ATSAMD21E17L-MNT
ATSAMD21G17L-MNT
ATSAMD21J17D-CUT
PD69220R-035500-TR
ATSAMD21E17D-MUT
PD69210R-035200-TR
PD69210R-035500-TR
ATSAMD21E17D-MUT-SLL
ATSAMD21G17D-MUT
ATSAMD21G17L-MUT
ATSAMD21G17D-MUTN01
ATSAMD21E17D-AUT
ATSAMD21J17D-MUT
ATSAMD21J17D-MUTN01
ATSAMD21J17D-AUT
ATA5831-WNQW
ATA8510-GHQW
ATA5782-WNQW
ATA8210-GHQW
ATA8710-GHQW
ATA5831-WNQW-V01
ATA5833-WNQW
ATA5781-WNQW
ATA5785-GHQW
ATA8515-GHQW
ATA5781N-WNQW
ATA8215-GHQW
ATA5781-WNQW-V01
ATA5785-GHQW-V02
ATA5781-WNQW-V03
ATA5833-WNQW-V06
ATA5785-GHQW-V07
ATA5781-WNQW-V08
ATA5781-WNQW-V09
ATA5785-GHQW-V11
ATA5781-WNQW-V12
ATA5781-WNQW-V13
ATA5785-GHQW-V14
ATA5833-WNQW-V10
ATA5833-WNQW-VAO
AT28LV010-20JU-T
AT28LV010-20JU-630
ATF16LV8C-10JU-349
ATF16LV8C-10JU-T

ATF750C-10SU-T
ATF16V8C-7JU-T
ATF22V10C-10SU-T
ATF22V10C-7JU-T
ATF22V10CQZ-20SU-T
ATF22V10CQZ-20JU-T
ATF22V10CQZ-20XU-044
ATF22LV10CQZ-30XU-T
ATF1502AS-7JX44-T
ATSAME53J18A-AFT
ATSAME53J19A-AFT
ATSAME53J20A-AFT
ATSAMD51J19B-AFT
ATSAME51J20A-AZTV10
ATSAME51J18A-AZTVAO
ATSAME54P19A-AFT
ATSAME54P20A-AZTV13-MB
ATSAMV70Q19B-AABTV07
ATSAMV71Q21B-AABTV13-MB
ATSAMV71J21B-AABTV16
ATSAMV71J21B-AABTV18
ATSAMV71J21B-AABTV16-MB
ATSAMV70Q19B-CBT
ATSAMV71Q20B-CBT
ATSAMV71Q19B-CBT
ATSAMV70Q20B-CBT
ATSAMV71Q21B-CBT
ATSAMV70Q19B-CBTV01
ATSAMV71Q21B-CBTV05
ATSAMV70Q20B-CBT-SL3V23
ATSAMV70Q20B-CBTVAO
ATSAMV70Q19B-CBTVAO
ATSAMV71N21B-CBT
ATSAMV70N20B-CBT
ATSAMV71N20B-CBT
ATSAMV70N19B-CBT
ATSAMV71N19B-CBT
ATSAMV71N21B-CBTV02
ATSAMV71N20B-CBTV03
ATSAMV70N20B-CBTV08
ATSAMV71N21B-CBTV09
ATA5781-WNQW-VAO
ATA5785-GHQW-VAO
ATA5833-WNQW-V05-BW
ATA5833-WNQW-V05-MB
ATA5785-GHQW-V07-MB
ATA5702F1000M-WDQW
ATA5700F1000M-WDQW
ATA5702F1000M-WDQW-V02

ATA5702F1000M-WDQW-V08
ATA5702F1000M-WDQW-V01
ATA5700F1000M-WDQW-V03
ATA5702F1000M-WDQW-V04
ATA5700F1000M-WDQW-VAO
ATA5835-GHqw-V01
ATA5835-GHqw-VAO
ATA5787-GHqw-VAO
ATA5835-GHqw-V02-MB
ATM90E32AS-AU-R
ATM90E36A-AU-R
AT86RF233-ZUR
AT86RF233-ZFR
AT86RF215-ZUR
AT86RF215IQ-ZUR
AT86RF215M-ZUR
AT32UC3B1512-Z1UR
AT32UC3B0512-Z2UR
AT32UC3B0512-A2UR
AT32UC3A3128-CTUR
AT32UC3A3128S-CTUR
AT32UC3A3256-CTUR
AT32UC3A3256J-CTUR
AT32UC3A3256S-CTUR
AT32UC3A364-CTUR
AT32UC3A364S-CTUR
AT32UC3A3256-CTURA1
AT32UC3A4128-C1UR
AT32UC3A4128S-C1UR
AT32UC3A4256-C1UR
AT32UC3A4256S-C1UR
AT32UC3A464-C1UR
AT32UC3A464S-C1UR
ATSAME51J18A-AUT
ATSAMD51J18A-AUT
ATSAMD51J19A-AUT
ATSAMD51J20A-AUT
ATSAME53J18A-AUT
ATSAME53J19A-AUT
ATSAME51J20A-AUT
ATSAMD51P20A-CTFT
ATSAME54P19A-CTFT
ATSAME51N19A-AFT
ATSAMD51N19A-AFT
ATSAMD51N20A-AFT
ATSAME54N20A-AFT
ATSAME53N20A-AFT
ATSAME54P19A-CTZTV06
ATSAME51J20A-MFT

ATSAME51J20A-MZTV11
ATSAME51J20A-MZTV16
ATSAME51J19A-MZTV18
ATSAMD51J20A-AFT
ATTINY25-15MZ
ATTINY24-15SSZ
ATTINY24-15MZ
ATMEGA644P-A15MZ
ATMEGA644P-A15AZ
ATTINY85-15ST1
ATTINY85-15MT1
ATTINY85-15ST
ATTINY85V-15ST
ATSAMC21G17A-MNT
ATSAMC21G18A-MNT
ATSAMC21E16A-ANT
ATSAMC21J17A-MNT
ATSAMC21G17A-ANT
ATSAMC21G18A-ANT
ATSAMCA1E17A-MTTV01
ATSAMC21E18A-MUTDY
ATSAMC20E17A-MUT
ATSAMC20E18A-MUT
ATSAMC21E15A-MUT
ATSAMC21E16A-MUT
ATSAMC21E17A-MUT
ATSAMC21E18A-MUT
ATSAMC20E17A-MUTS2
ATSAMC21E18A-MUTN01
ATSAMC21E18A-MUTS2
ATSAMC21G18A-MUT
ATSAMC20G17A-MUT
ATSAMC21G16A-MUT
ATSAMC21G17A-MUT
ATSAMC21G18A-MUTN01
ATSAMC20E18A-AUT
ATSAMC21E18A-AUT
ATSAMC20E15A-AUT
ATSAMC20E17A-AUT
ATSAMC21J18A-MUT
ATSAMC21J17A-MUTN02
ATSAMC20G18A-AUT
ATSAMC21G18A-AUT
ATSAMC20G16A-AUT
ATSAMC21G16A-AUT
ATSAMC21G17A-AUT
ATSAMC21E18A-MZT
ATSAMC21E17A-MZT
ATSAMC21E16A-MZT

ATSAMC21E15A-MZT
ATSAMC20E18A-MZT
ATSAMC20E17A-MZT
ATSAMC20E16A-MZT
ATSAMC20E15A-MZT
ATSAMC21E18A-MZTV05
ATSAMC21E17A-MZTV14
ATSAMC21E18A-MZTVAO
ATSAMC21E16A-MZTVAO
ATSAMC21E17A-MZTVAO
ATSAMC20E17A-MZTVAO
ATSAMC20E16A-MZTVAO
ATSAMC21E18A-MZTV05-VW
ATSAMC21E15A-AZT
ATSAMC21E16A-AZT
ATSAMD20E16A-MUTA2
ATSAMD20E18A-MUTB0
ATSAMD20E18A-MUTB1
AT32UC3C2512C-A2UR
AT32UC3C264C-A2UR
AT32UC3C1256C-AZR
AT32UC3C1512C-AZR
AT32UC3C0512C-ALZR
AT32UC3C2512C-Z2ZR
AT32UC3C2128C-Z2ZR
AT32UC3C2256C-Z2ZR
AT32UC3C2512C-A2ZR
AT32UC3C2128C-A2ZR
AT32UC3C2256C-A2ZR