



Product Change Notification

PCN Number: SC134703A (Revised 3/26/14) **Notification Date:** February 26, 2014
See the Removed Part Numbers Below

Title: Convert MSL3 to MSL1 for QFN Packages

Product Identification:

Listed in below table:

AT86RF231-ZUR	ATXMEGA128D3-MH	ATTINY828R-MUR
ATMEGA328P-20MU	ATXMEGA128D3-MHR	ATTINY841-MMH
ATMEGA48P-20MUR	ATXMEGA128D4-MH	ATTINY841-MMHR
ATMEGA8-16MUR	ATXMEGA128D4-MHR	ATTINY841-MU
ATTINY861A-MUR	ATXMEGA16A4-MH	ATTINY841-MUR
ATMSL2166-DUR	ATXMEGA16A4-MHR	ATTINY84-20MU
ATTINY25-20MFR	ATXMEGA16A4U-MH	ATTINY84-20MUR
ATXMEGA16A4U-MHR	ATXMEGA16C4-MH	ATTINY84A-MF
ATXMEGA16E5-M4UR	ATXMEGA16C4-MHR	ATTINY84A-MFR
AT32UC3B0128AU-Z2UR	ATXMEGA16D4-MH	ATTINY84A-MMH
AT42QT1111-MU	ATXMEGA16D4-MHR	ATTINY84A-MU
AT86RF231-ZU	ATXMEGA16E5-M4U	ATTINY84A-MUR
AT86RF233-ZU	ATXMEGA16E5-MU	ATTINY84-MF
AT86RF233-ZUR	ATXMEGA16E5-MUR	ATTINY84V-10MU
AT8UA1068AE8-PNRU	ATXMEGA192A3-MH	ATTINY84V-10MUR
AT8UA1068AE8-PNRZ	ATXMEGA192A3-MHR	ATTINY85-20MU
AT90PWM1610S-16MN	ATXMEGA192A3U-MH	ATTINY85-20MUR
AT90PWM316-16MU	ATXMEGA192A3U-MHR	ATTINY85V-10MU
AT90PWM316EAR-16MUR	ATXMEGA192C3-MH	ATTINY85V-10MUR
ATMEGA162-16MUR	ATXMEGA192C3-MHR	ATXMEGA256A3U-MHR
AT42QT1040-MMH	ATXMEGA192D3-MH	ATXMEGA256C3-MH
AT32UC3L032-ZAUT	ATXMEGA192D3-MHR	ATXMEGA256C3-MHR
AT32UC3L064-ZAUR	ATXMEGA256A3B-MH	ATXMEGA256D3-MH
AT32UC3L064-ZAUT	ATXMEGA256A3B-MHR	ATXMEGA256D3-MHR
AT42QT1060-MMU	ATXMEGA256A3BU-MH	ATXMEGA32A4-MH
AT42QT1070-MMH	ATXMEGA256A3BU-MHR	ATXMEGA32A4-MHR
AT42QT1085-MU	ATXMEGA256A3-MH	ATXMEGA32A4U-MH
AT42QT1085-MUR	ATXMEGA256A3-MHR	ATXMEGA32A4U-MHR
AT42QT1110-MU	ATXMEGA256A3U-MH	ATXMEGA32C3-MH
AT42QT1110-MZ	AT58A88F-02	ATXMEGA32C3-MHR
AT42QT11C12-MU	AT73C508-MUR	ATXMEGA32C4-MH
AT42QT11C12-MUR	ATMEGA168A-MUR	ATXMEGA32C4-MHR
AT42QT11C15-MU	ATMEGA168PA-MU	ATXMEGA32D3-MH
AT42QT11C16-MU	ATMEGA168PA-MUR	ATXMEGA32D3-MHR

ATMEL San Jose • 1600 Technology Dr, San Jose • CA 95110 USA

AT42QT11C17-MU	ATMEGA169PV-8MUR	ATXMEGA32D4-MH
AT42QT1244-MU	ATMEGA324PA-MU	ATXMEGA32D4-MHR
AT42QT1244X-MU	ATMEGA328P-MMHR	ATXMEGA32D4P-MH
AT42QT1245X-MU	ATMEGA328P-MU	ATXMEGA32E5-M4U
AT42QT12C18-MMU	ATMEGA48PA-MU	ATXMEGA32E5-M4UR
AT42QT12C23-MMU	ATMEGA644PA-MU	ATXMEGA32E5-MU
AT42QT12C31-MMU	ATMEGA88PA-MUR	ATXMEGA32E5-MUR
AT42QT12C32X-MMU	ATMEGA8A-MUR	ATXMEGA384C3-MH
AT42QT16C06-MU	ATTINY44-20MUR	ATXMEGA384C3-MHR
AT42QT16C08X-MU	ATTINY44A-MUR	ATXMEGA384D3-MH
AT42QT18C09-MU	ATTINY461-20MUR	ATXMEGA384D3-MHR
AT42QT18C09X-MU	ATTINY84A-MMHR	ATXMEGA64A3-MH
AT42QT18C10-MU	ATTINY861A-MU	ATXMEGA64A3-MHR
AT42QT18C11-MU	AT32UC3B0128-Z2UR	ATXMEGA64A3U-MH
AT42QT18C15-MU	AT32UC3B0128-Z2UT	ATXMEGA64A3U-MHR
AT42QT20C04-MMU	AT32UC3B0256EGP-Z1NR	ATXMEGA64A4U-MH
AT42QT20C04-MMUR	AT32UC3B0256-Z2UR	ATXMEGA64A4U-MHR
AT42QT20C04X-MMU	AT32UC3B0256-Z2UT	ATXMEGA64B3-MH
AT42QT20C05-MMU	AT32UC3B0512AU-Z2UR	ATXMEGA64B3-MUR
AT42QT20C05X-MMU	AT32UC3B0512-Z2UR	ATXMEGA64C3-MH
AT42QT20C06-MMU	AT32UC3B0512-Z2UT	ATXMEGA64C3-MHR
AT42QT20C06-MMUR	AT32UC3B064-Z2UR	ATXMEGA64D3-MH
AT42QT20C06X-MMU	AT32UC3B064-Z2UT	ATXMEGA64D3-MHR
AT42QT20C07-MMU	AT32UC3B1128-Z1UR	ATXMEGA64D4-MH
AT42QT20C07-MMUR	AT42QT2100-MU	AT32UC3B1128-Z1UT
AT42QT20C07X-MMU	AT42QT2100-MUR	AT32UC3B1256EGP-Z1NR
AT89LP828-MU	AT73C260B	AT32UC3B1256-Z1UR
AT8UA068CBS-PCR	AT42QT2100X-MU	AT32UC3B1256-Z1UT
AT8UA068CE7-PNRU	AT42QT2120-MMH	AT32UC3B1512-Z1UR
AT8UA068CE7-PNTU	AT42QT2120-MMHR	AT32UC3B1512-Z1UT
AT8UA068CF1-PNRZ	AT42QT2120X-MMH	AT32UC3B164-Z1UR
AT8UA1084AE9-PBTU	AT42QT2160-MMU	AT32UC3B164-Z1UT
AT8UA1084AE9-PNTU	AT42QT2161-MMU	AT32UC3C2128C-Z2UR
AT8UG2XXXABW-PBRU	AT42QT23C01-MU	AT32UC3C2128C-Z2UT
AT8USD5AG1-PBRU	AT42QT26C01X-MMH	AT32UC3C2256C-Z2UR
AT8USD5ACEH-PWRU	AT42QT4120-MU	AT32UC3C2256C-Z2UT
AT8USD5ACEI-PWRU	AT42QT4160-MU	AT32UC3C2512C-Z2UR
AT8USD5BCEJ-PWRU	AT42QT5320-MU	AT32UC3C2512C-Z2UT
AT90CAN128-16MU	AT42QT5480-MU	AT32UC3C264C-Z2UR
AT90CAN128-16MUR	AT42QT5480-MU-W	AT32UC3C264C-Z2UT
AT90CAN32-16MU	AT42QT5481X-MU	AT32UC3L0128-ZAUR

ATMEL San Jose • 1600 Technology Dr, San Jose • CA 95110 USA

AT90CAN32-16MUR	AT568G8C-04	AT32UC3L0128-ZAUT
AT90CAN64-16MU	AT568G8C-07	AT32UC3L016-ZAUR
AT90CAN64-16MUR	AT58A88C-01	AT32UC3L016-ZAUT
AT90LS8535-4MC	AT58A88C-02	AT32UC3L0256-ZAUR
AT90LS8535-4MI	AT58A88F-01	AT32UC3L0256-ZAUT
AT90LS8535-8MI	AT73C240	AT32UC3L032-ZAUR
AT90LS8536-4MC	AT73C240B	AT86RF212327-ZUR
AT90LS8536-4MI	AT73C240C	AT86RF212B-ZES
AT90LS8536-8MI	AT73C506-MUR	AT86RF212B-ZU
AT90PWM1-16MU	AT73C507-M4UR	AT86RF212B-ZUR
AT90PWM1-16MUR	AT73C507-MUR	AT86RF212-ZUR
AT90PWM161-16MN	AT73C509-MUR	AT86RF215B1-ZU
AT90PWM161-16MNR	AT8358402-UML2T	AT86RF230LOC8-ZU
AT90PWM161OS-16MF	AT8358402-UML3T	AT86RF230LOC8-ZUR
AT90PWM161OS-16MFR	AT8358A85-UZ13T	AT86RF231-ZF
AT97SC3205-U3M2-10	AT8375102-ZZ11T	AT86RF231-ZFR
AT97SC3205-U3M2-20	AT90PWM161OS-16MNR	AT86RF232-ZX
AT97SC3205-U3M42-00	AT90PWM1EP-16MUR	AT86RF232-ZXR
AT97SC3205-X3M2-10	AT90PWM316-16MUR	AT88RF1354-ZU
AT97SC3205-X3M2-20	AT90PWM3B-16MU	AT88RF1354-ZU-T
AT97SC3205-X3M42-00	AT90PWM3B-16MUR	AT89C5130A-PUTUM
ATAT90PWM3-16MQ	AT90PWM3BOS-16MUR	AT89C5131A-PLTUL
ATAT90PWM3-16MQT	AT90PWM3EAZ-16MQ	AT89C5131A-PURUM
ATMEGA1281-16MU	AT90PWM81-16MF	AT89C5131A-PUTUM
ATMEGA1281-16MUR	AT90PWM81-16MN	AT89LP3240-20MU
ATMEGA128-16MN	AT90PWM81EP-16MN	AT89LP51-20MU
ATMEGA128-16MNR	AT90PWM81OS-16MNR	AT89LP51ED2-20MU
ATMEGA128-16MU	AT90PWM81OS-16MUR	AT89LP51IC2-20MU
ATMEGA128-16MUR	AT90PWM81OS-A16MNR	AT89LP51ID2-20MU
ATMEGA1281V-8MU	AT90PWM81OS-B16MNR	AT89LP51RB2-20MU
ATMEGA1281V-8MUR	AT90S8536-8MC	AT89LP51RC2-20MU
ATMEGA1284-MU	AT90USB1286-16MU	AT89LP51RD2-20MU
ATMEGA1284-MUR	AT90USB1286-MU	AT89LP52-20MU
ATMEGA1284P-20MU	AT90USB1286-MUR	AT89LP6440-20MU
ATMEGA1284P-MU	AT90USB1287-16MU	AT91SAM7S16-MU
ATMEGA1284P-MUR	AT90USB1287-16MU	AT91SAM7S256C-MU
ATMEGA1284PV-10MU	AT90USB1287-MU	AT91SAM7S256C-MU-999
ATMEGA1284RFR2-ZF	AT90USB1287-MUR	AT91SAM7S256D-MU
ATMEGA1284RFR2-ZFR	AT90USB162-16MU	AT91SAM7S256D-MU-999
ATMEGA1284RFR2-ZU	AT90USB162-16MUR	AT91SAM7S256-MU
ATMEGA1284RFR2-ZUR	AT90USB162EAW-16MU	AT91SAM7S256-MU-999

ATMEL San Jose • 1600 Technology Dr, San Jose • CA 95110 USA

ATMEGA128A-MN	AT90USB646-16MU	AT91SAM7S321-MU
ATMEGA128A-MNR	AT90USB646-MU	AT91SAM7S321-MU-999
ATMEGA128A-MU	AT90USB646-MUR	AT91SAM7S32B-MU
ATMEGA128A-MUR	AT90USB647-16MU	AT91SAM7S32B-MU-999
ATMEGA128L-8MN	AT90USB647-MU	AT91SAM7S512B-MU
ATMEGA128L-8MNR	AT90USB647-MUR	AT91SAM7S512B-MU-101
ATMEGA128L-8MU	AT90USB82-16MU	AT91SAM7S512B-MU-999
ATMEGA128L-8MUR	AT90USB82-16MUR	AT91SAM7S64C-MU
ATMEGA128RFA1EEM-ZU	AT91SAM7S128C-MU	AT91SAM7S64C-MU-999
ATMEGA128RFA1EEM-ZUR	AT91SAM7S128C-MU-999	AT97SC3204-X4M40-Z
ATMEGA128RFA1-ZF	AT91SAM7S128D-MU	AT97SC3204-X4M43-20
ATMEGA128RFA1-ZFR	AT91SAM7S128D-MU-999	AT97SC3204-X4M43-AC
ATMEGA128RFA1-ZU	AT91SAM7S128-MU	AT97SC3205-DU3M2-10
ATMEGA169PA-MNR	AT91SAM7S128-MU-999	AT97SC3205-DU3M2-20
ATMEGA169PA-MU	ATMEGA128RFA1-ZU00	AT97SC3205-DU3M42-00
ATMEGA169PA-MUR	ATMEGA128RFA1-ZUR	AT97SC3205-DX3M0-Z
ATMEGA169PV-8MU	ATMEGA128RFA1-ZUR00	AT97SC3205-DX3M2-10
ATMEGA169V-1MC	ATMEGA128RFR2-ZF	AT97SC3205-DX3M2-20
ATMEGA16A-MU	ATMEGA128RFR2-ZFR	AT97SC3205-DX3M42-00
ATMEGA16A-MUR	ATMEGA128RFR2-ZU	AT97SC3205T-DU3M3-00
ATMEGA16L-8MU	ATMEGA128RFR2-ZUR	AT97SC3205T-DU3M3-10
ATMEGA16L-8MUR	ATMEGA16-16MQ	AT97SC3205T-DX3M3-00
ATMEGA16M1-MU	ATMEGA16-16MQR	AT97SC3205T-DX3M3-10
ATMEGA16U2-16MU	ATMEGA16-16MU	AT97SC3205T-U3M3-00
ATMEGA16U2-MU	ATMEGA16-16MUR	AT97SC3205T-U3M3-10
ATMEGA16U2-MUR	ATMEGA162-16MU	AT97SC3205T-U3M43-00
ATMEGA16U4-16MU	ATMEGA162V-1MC	AT97SC3205T-U3M43-10
ATMEGA16U4-MU	ATMEGA162V-8MU	AT97SC3205T-X3M3-00
ATMEGA16U4-MUR	ATMEGA162V-8MUR	AT97SC3205T-X3M3-10
ATMEGA2561-16MU	ATMEGA164A-MU	AT97SC3205T-X3M43-00
ATMEGA2561-16MUR	ATMEGA164A-MUR	AT97SC3205T-X3M43-10
ATMEGA2561V-8MU	ATMEGA164P-20MQ	ATMEGA165PV-8MN
ATMEGA2561V-8MUR	ATMEGA164P-20MQR	ATMEGA165PV-8MNR
ATMEGA2564RFR2-ZF	ATMEGA164P-20MU	ATMEGA165PV-8MU
ATMEGA2564RFR2-ZFR	ATMEGA164P-20MUR	ATMEGA165PV-8MUR
ATMEGA2564RFR2-ZU	ATMEGA164PA-MN	ATMEGA168-20MQ
ATMEGA2564RFR2-ZUR	ATMEGA164PA-MNR	ATMEGA168-20MQR
ATMEGA256RFR2-ZF	ATMEGA164PA-MU	ATMEGA168-20MU
ATMEGA256RFR2-ZFR	ATMEGA164PA-MUR	ATMEGA168-20MUR
ATMEGA256RFR2-ZU	ATMEGA164PV-10MU	ATMEGA168A-MMH
ATMEGA256RFR2-ZUR	ATMEGA164PV-10MUR	ATMEGA168A-MMHR

ATMEL San Jose • 1600 Technology Dr, San Jose • CA 95110 USA

ATMEGA32-16MU	ATMEGA165A-MU	ATMEGA168A-MU
ATMEGA32-16MUR	ATMEGA165A-MUR	ATMEGA168P-20MQ
ATMEGA324A-MU	ATMEGA165P-16MN	ATMEGA168P-20MQR
ATMEGA324A-MUR	ATMEGA165P-16MNR	ATMEGA168P-20MU
ATMEGA324P-20MQ	ATMEGA165P-16MU	ATMEGA168P-20MUR
ATMEGA324P-20MQR	ATMEGA165P-16MUR	ATMEGA168PA-MMH
ATMEGA48-20MMH	ATMEGA165PA-MN	ATMEGA168PA-MMHR
ATMEGA48-20MMU	ATMEGA165PA-MNR	ATMEGA168PA-MN
ATMEGA48-20MU	ATMEGA165PA-MU	ATMEGA168PA-MNR
ATMEGA48-20MUR	ATMEGA165PA-MUR	ATMEGA168PV-10MU
ATMEGA48A-MMH	ATMEGA324P-20MU	ATMEGA168PV-10MUR
ATMEGA48A-MMHR	ATMEGA324P-20MUR	ATMEGA168V-10MQ
ATMEGA48A-MU	ATMEGA324PA-MN	ATMEGA168V-10MQR
ATMEGA48A-MUR	ATMEGA324PA-MUR	ATMEGA168V-10MU
ATMEGA48P-20MMU	ATMEGA324PV-10MU	ATMEGA168V-10MUR
ATMEGA48P-20MMUR	ATMEGA324PV-10MUR	ATMEGA169A-MU
ATMEGA48P-20MU	ATMEGA325-16MU	ATMEGA169A-MUR
ATMEGA48PA-MMH	ATMEGA325-16MUR	ATMEGA169L-8MI
ATMEGA48PA-MMHR	ATMEGA325A-MN	ATMEGA169P-16MU
ATMEGA48PA-MMN	ATMEGA325A-MNR	ATMEGA169P-16MUR
ATMEGA48PA-MMNR	ATMEGA325A-MU	ATMEGA169PA1-MUR
ATMEGA48PA-MN	ATMEGA325A-MUR	ATMEGA169PA-MN
ATMEGA48PA-MNR	ATMEGA325P-16MU	ATMEGA329P-16MU
ATMEGA48PA-MUR	ATMEGA325P-20MU	ATMEGA329P-20MN
ATMEGA48PV-10MMU	ATMEGA325P-20MUR	ATMEGA329P-20MNR
ATMEGA48PV-10MMUR	ATMEGA325PA-MU	ATMEGA329P-20MU
ATMEGA48PV-10MU	ATMEGA325PA-MUR	ATMEGA329P-20MUR
ATMEGA48PV-10MUR	ATMEGA325PV-10MU	ATMEGA329PA-MU
ATMEGA48V-10MMH	ATMEGA325PV-10MUR	ATMEGA329PA-MUR
ATMEGA48V-10MMU	ATMEGA325PV-8MU	ATMEGA329PV-10MN
ATMEGA48V-10MMUR	ATMEGA325V-8MU	ATMEGA329PV-10MNR
ATMEGA48V-10MU	ATMEGA325V-8MUR	ATMEGA329PV-10MU
ATMEGA48V-10MUR	ATMEGA328-MMH	ATMEGA329PV-10MUR
ATMEGA64-16MI	ATMEGA328-MMHR	ATMEGA329PV-8MU
ATMEGA64-16MU	ATMEGA328-MU	ATMEGA329V-8MU
ATMEGA64-16MUR	ATMEGA328-MUR	ATMEGA329V-8MUR
ATMEGA644-20MU	ATMEGA328P-MMH	ATMEGA32A-MN
ATMEGA644-20MUR	ATMEGA328P-MN	ATMEGA32A-MNR
ATMEGA644A-MU	ATMEGA328P-MNR	ATMEGA32A-MU
ATMEGA644A-MUR	ATMEGA328P-MUR	ATMEGA32A-MUR
ATMEGA644P-20MQ	ATMEGA328PV-10MU	ATMEGA32L-8MU

ATMEL San Jose • 1600 Technology Dr, San Jose • CA 95110 USA

ATMEGA644P-20MQR	ATMEGA329-16MU	ATMEGA32L-8MUR
ATMEGA644P-20MU	ATMEGA329-16MUR	ATMEGA32M1-MU
ATMEGA644P-20MUR	ATMEGA329A-MU	ATMEGA32U2-MU
ATMEGA88PV-10MUR	ATMEGA329A-MUR	ATMEGA32U2-MUR
ATMEGA88V-10MU	ATMEGA644PA-MN	ATMEGA32U4-16MU
ATMEGA88V-10MUR	ATMEGA644PA-MNR	ATMEGA32U4-MU
ATMEGA8A-MN	ATMEGA644PA-MUR	ATMEGA32U4-MUR
ATMEGA8A-MNR	ATMEGA644PV-10MQ	ATMEGA32U4RC-MU
ATMEGA8A-MU	ATMEGA644PV-10MQR	ATMEGA32U4RC-MUR
ATMEGA8L-8MU	ATMEGA644PV-10MU	ATMEGA32U6-16MU
ATMEGA8L-8MUR	ATMEGA644PV-10MUR	ATMEGA64L-8MUR
ATMEGA8U2-MU	ATMEGA644RFR2-ZF	ATMEGA64M1-MU
ATMEGA8U2-MUR	ATMEGA644RFR2-ZFR	ATMEGA64RFR2-ZF
ATMEGAL8-8MI	ATMEGA644RFR2-ZU	ATMEGA64RFR2-ZFR
ATMSL1060AW	ATMEGA644RFR2-ZUR	ATMEGA64RFR2-ZU
ATMSL1060AW-R	ATMEGA644V-10MU	ATMEGA64RFR2-ZUR
ATMSL1061AV	ATMEGA644V-10MUR	ATMEGA8-16MU
ATMSL1061AV-R	ATMEGA645-16MU	ATMEGA8515-16MU
ATMSL1064AW	ATMEGA645-16MUR	ATMEGA8515-16MUR
ATMSL1064AW-R	ATMEGA645A-MU	ATMEGA8515L-8MU
ATMSL1064-TC	ATMEGA645A-MUR	ATMEGA8515L-8MUR
ATMSL2010-IN	ATMEGA645P-MU	ATMEGA8535-16MU
ATMSL2010-INR	ATMEGA645P-MUR	ATMEGA8535-16MUR
ATMSL2021-IN	ATMEGA645V-8MU	ATMEGA8535L-8MU
ATMSL2021-INR	ATMEGA645V-8MUR	ATMEGA8535L-8MUR
ATMSL2023-IN	ATMEGA649-16MU	ATMEGA88-20MU
ATMSL2023-INR	ATMEGA649-16MUR	ATMEGA88-20MUR
ATMSL2024-IN	ATMEGA649A-MU	ATMEGA88A-MMH
ATMSL2024-INR	ATMEGA649A-MUR	ATMEGA88A-MMHR
ATMSL2040AU	ATMEGA649P-MU	ATMEGA88A-MU
ATMSL2100BR	ATMEGA649P-MUR	ATMEGA88A-MUR
ATMSL2100BR-R	ATMEGA649V-8MU	ATMEGA88P-20MU
ATMSL2160DQ	ATMEGA649V-8MUR	ATMEGA88P-20MUR
ATMSL2160DQ-R	ATMEGA64A-MN	ATMEGA88PA-MMH
ATMSL2160DQ-TS1	ATMEGA64A-MNR	ATMEGA88PA-MMHR
ATMSL2160DQ-TS1R	ATMEGA64A-MU	ATMEGA88PA-MMN
ATMSL2162DQ	ATMEGA64A-MUR	ATMEGA88PA-MMNR
ATMSL2162DQ-R	ATMEGA64L-8MQ	ATMEGA88PA-MMU
ATMSL2164-DU	ATMEGA64L-8MQR	ATMEGA88PA-MMUR
ATMSL2164-DUR	ATMEGA64L-8MU	ATMEGA88PA-MN
ATMSL2166-DU	ATMSL3080-IU	ATMEGA88PA-MNR

ATMEL San Jose • 1600 Technology Dr, San Jose • CA 95110 USA

ATQRGM88V-10MU	ATMSL3080-IUR	ATMEGA88PA-MU
ATQT1103-ISG	ATMSL3082CS	ATMEGA88PV-10MU
ATQT11C12-ISG	ATMSL3082CS-R	ATSAM4LC8BA-MU-ES
ATQT12C17-IS44G	ATMSL3086-IU	ATSAM4LC8BA-MUR
ATQT12M06-IS44G	ATMSL3086-IUR	ATSAM4LS2AA-MU
ATQT12M06-ISG	ATMSL3088-IU	ATSAM4LS2AA-MUR
ATQT12M09-IS44G	ATMSL3088-IUR	ATSAM4LS2BA-MU
ATQT12M09-ISG	ATMSLB9061	ATSAM4LS2BA-MUR
ATQT14C05-ISG	ATMSLB9061BC	ATSAM4LS4AA-MU
ATQT14C07-ISG	ATMSLB9061BG	ATSAM4LS4AA-MU-ES
ATQT14C10-ISG	ATMSLB9061BH	ATSAM4LS4AA-MUR
ATQT60160-ISG	ATMSLB9061CC	ATSAM4LS4BA-MU
ATQT60240-ISG	ATMSLB9061CF	ATSAM4LS4BA-MU-ES
ATQT702A-ISG	ATMSLB9061CG	ATSAM4LS4BA-MUR
ATQT703-ISG	ATMSLB9061DA	ATSAM4LS8AA-MU
ATQT860-ISG	ATMSLB9061DB	ATSAM4LS8AA-MU-ES
ATSAM3N00AA-MU	ATMSLB9061DC	ATSAM4LS8AA-MUR
ATSAM3N00AA-MUR	ATMSLB9061EC	ATSAM4LS8BA-MU
ATSAM3N00BA-MU	ATMSLB9061FA	ATSAM4LS8BA-MU-ES
ATSAM3N00BA-MUR	ATMSLB9061FB	ATSAM4LS8BA-MUR
ATSAM3N0AA-MU	ATMSLB9061FC	ATSAM4N16BA-MU
ATSAM3N0AA-MUR	ATMSLB9061FD	ATSAM4N16BA-MUR
ATSAM3N0BA-MU	ATMSLB9061FO	ATSAM4N8AA-MU
ATSAM3N0BA-MUR	ATSAM3S1AB-MU	ATSAM4N8AA-MUR
ATSAM3N1AA-MU	ATSAM3S1AB-MUR	ATSAM4N8BA-MU
ATSAM3N1AB-MU	ATSAM3S1BA-MU	ATSAM4N8BA-MUR
ATSAM3N1AB-MUR	ATSAM3S1BA-MUR	ATSAM4S16BA-MU
ATSAM3N1BA-MU	ATSAM3S1BB-MU	ATSAM4S16BA-MUR
ATSAM3N1BB-MU	ATSAM3S1BB-MUR	ATSAM4S4AA-MU
ATSAM3N1BB-MUR	ATSAM3S2AA-MU	ATSAM4S4BA-MU
ATSAM3N2AA-MU	ATSAM3S2AA-MUR	ATSAM4S8BA-MU
ATSAM3N2BA-MU	ATSAM3S2BA-MU	ATSAM4S8BA-MUR
ATSAM3N4AA-MU	ATSAM3S2BA-MUR	ATSAM4SA16BA-MU
ATSAM3N4BA-MU	ATSAM3S4AA-MU	ATSAM4SA16BA-MUR
ATSAM3S1AA-MU	ATSAM3S4AA-MUR	ATSAM4SD16BA-MU
ATSAM3S1AA-MUR	ATSAM3S4BA-MU	ATSAM4SD16BA-MUR
ATSAMD20E15A-MUT	ATSAM3S4BA-MUR	ATSAM4SD32BA-MU
ATSAMD20E16A-MU	ATSAM3S8BA-MU	ATSAM4SD32BA-MUR
ATSAMD20E16A-MUT	ATSAM3S8BA-MUR	ATSAMD20E14A-MU
ATSAMD20E17A-MU	ATSAM3SD8BA-MU	ATSAMD20E14A-MUT
ATSAMD20E17A-MUT	ATSAM3SD8BA-MUR	ATSAMD20E15A-MU

ATMEL San Jose • 1600 Technology Dr, San Jose • CA 95110 USA

ATSAMD20G14A-MU	ATSAM4LC2AA-MU	ATTINY24N-2MU
ATSAMD20G14A-MUT	ATSAM4LC2AA-MUR	ATTINY24V-10MU
ATSAMD20G15A-MU	ATSAM4LC2BA-MU	ATTINY24V-10MUR
ATSAMD20G15A-MUT	ATSAM4LC2BA-MUR	ATTINY25-20MF
ATSAMD20G16A-MU	ATSAM4LC4AA-MU	ATTINY25-20MU
ATSAMD20G16A-MUT	ATSAM4LC4AA-MU-ES	ATTINY25-20MUR
ATSAMD20G17A-MU	ATSAM4LC4AA-MUR	ATTINY25V-10MF
ATSAMD20G17A-MUT	ATSAM4LC4BA-MU	ATTINY25V-10MFR
ATSAMD20G18A-MU	ATSAM4LC4BA-MUR	ATTINY25V-10MU
ATSAMD20G18A-MUT	ATSAM4LC8AA-MU	ATTINY25V-10MUR
ATSAMD20J14A-MU	ATSAM4LC8AA-MU-ES	ATTINY261-20MU
ATSAMD20J14A-MUT	ATSAM4LC8AA-MUR	ATTINY261-20MUR
ATSAMD20J15A-MU	ATSAM4LC8BA-MU	ATTINY26-16MQ
ATSHA204-DMAH-T	ATSAM3S1AB-MU	ATTINY26-16MQR
ATTINY13-20MMU	ATSAM3S1AB-MUR	ATTINY26-16MU
ATTINY13-20MMUR	ATSAM3S1BA-MU	ATTINY26-16MUR
ATSAMD20J15A-MUT	ATSAM3S1BA-MUR	ATTINY261A-MN
ATSAMD20J16A-MU	ATSAM3S1BB-MU	ATTINY261A-MNR
ATTINY13A-MMF	ATSAM3S1BB-MUR	ATTINY261A-MU
ATTINY13A-MMFR	ATSAM3S2AA-MU	ATTINY261A-MUR
ATTINY13A-MMU	ATSAM3S2AA-MUR	ATTINY261V-10MU
ATTINY13A-MMUR	ATTINY13-20MU	ATTINY261V-10MUR
ATSAMD20J16A-MUT	ATTINY13-20MUR	ATTINY26L-8MU
ATSAMD20J17A-MU	ATTINY13A-MU	ATTINY26L-8MUR
ATTINY13V-10MMU	ATTINY13A-MUR	ATTINY28L-4MU
ATTINY13V-10MMUR	ATTINY13V-10MU	ATTINY28L-4MUR
ATSAMD20J17A-MUT	ATTINY13V-10MUR	ATTINY28V-1MU
ATSAMD20J18A-MU	ATTINY1634-MF	ATTINY861-20MU
ATSAMD20J18A-MUT	ATTINY1634-MFR	ATTINY861-20MUR
ATTINY28V-1MUR	ATTINY1634-MU	ATTINY861V-10MU
ATTINY40-MMH	ATTINY1634-MUR	ATTINY861V-10MUR
ATTINY40-MMHR	ATTINY1634R-MU	ATTINY87-MU
ATTINY4313-MMH	ATTINY1634R-MUR	ATTINY87-MUR
ATTINY4313-MMHR	ATTINY167-MU	ATTINY88-MMH
ATTINY4313-MU	ATTINY167-MUR	ATTINY88-MMHR
ATTINY4313-MUR	ATTINY20-MMH	ATTINY88-MMU
ATTINY43U-MU	ATTINY20-MMHR	ATTINY88-MMUR
ATTINY43U-MUR	ATTINY2313-20MU	ATTINY88-MU
ATTINY441-MMH	ATTINY2313-20MUR	ATTINY88-MUR
ATTINY441-MMHR	ATTINY2313A-MMH	ATUC128D3-Z2UES
ATTINY441-MU	ATTINY2313A-MMHR	ATUC128D3-Z2UR

ATTINY441-MUR	ATTINY2313A-MU	ATUC128D3-Z2UT
ATTINY44-20MU	ATTINY2313A-MUR	ATUC128D4-Z1UES
ATTINY44A-MAH	ATTINY2313V-10MU	ATUC128D4-Z1UR
ATTINY44A-MF	ATTINY2313V-10MUR	ATUC128D4-Z1UT
ATTINY44A-MFR	ATTINY24-20MU	ATUC128L3U-Z3UR
ATTINY44A-MMH	ATTINY24-20MUR	ATUC128L3U-Z3UT
ATTINY44A-MMHR	ATTINY24A-MF	ATUC128L4U-ZAUR
ATTINY44A-MU	ATTINY24A-MFR	ATUC128L4U-ZAUT
ATTINY44N-2MU	ATTINY24A-MM8	ATUC256L3U-Z3UR
ATTINY44V-10MU	ATTINY24A-MM8R	ATUC256L3U-Z3UT
ATTINY44V-10MUR	ATTINY24A-MMH	ATUC256L4U-ZAUR
ATTINY45-20MU	ATTINY24A-MMHR	ATUC256L4U-ZAUT
ATTINY45-20MUR	ATTINY24A-MU	ATUC64D3-Z2UR
ATTINY45V-10MU	ATTINY24A-MUR	ATUC64D3-Z2UT
ATTINY45V-10MUR	ATTINY461A-MUR	ATUC64D4-Z1UR
ATTINY461-20MU	ATTINY461V-10MU	ATUC64D4-Z1UT
ATTINY461A-MU	ATTINY461V-10MUR	ATUC64L3U-Z3UR
ATXMEGA128A3-MHR	ATTINY474-MAUES	ATUC64L3U-Z3UT
ATXMEGA128A3U-MH	ATTINY48-MMH	ATUC64L4U-ZAUR
ATXMEGA128A3U-MHR	ATTINY48-MMHR	ATUC64L4U-ZAUT
ATXMEGA128A4U-MH	ATTINY48-MMU	ATXMEGA128A3-MH
ATXMEGA128A4U-MHR	ATTINY48-MMUR	ATXMEGA64D4-MHR
ATXMEGA128B3-MH	ATTINY48-MU	ATXMEGA8E5-M4U
ATXMEGA128B3-MHR	ATTINY48-MUR	ATXMEGA8E5-M4UR
ATXMEGA128B3-MUR	ATTINY828-MU	ATXMEGA8E5-MU
ATXMEGA128C3-MH	ATTINY828-MUR	ATXMEGA8E5-MUR
ATXMEGA128C3-MHR	ATTINY828R-MU	

Reason for Change:	☐ Material / Composition	☐ Manufacturing Location
	☐ Processing / Manufacturing	☒ Quality / Reliability
	☐ Design / Firmware	☐ Logistics
	☐ Datasheet	☐ Other:

Change Description:
Improve quality level for QFN packages – MSL3 to MSL1 for unlimited hours.

Identification Method to Distinguish Change:
Devices compliant with MSL 1 standard are packed without dry packing. MSL 3 compliant devices shipped dry packed.

Qualification Data:	☒ Available	☐ Will be available (mm/dd/yr):	☐ Not Applicable
----------------------------	---	--	---

Samples:	☐ Available	☐ Will be available (mm/dd/yr):	☒ Not Applicable
Quantifiable Impact on Quality & Reliability: No impact			
Proposed First Ship Date*: May 26, 2014 <i>*The Proposed First Ship Date is the forecasted date that a customer may expect to receive changed product. This is determined by the estimated date of inventory depletion on the PCN issue date. This may be affected by fluctuations in supply and demand. Consequently, although customers should be prepared to receive changed product on this date, Atmel will continue to ship pre-changed product until a time in which inventory has been depleted. This may result in pre-changed product being shipped to customers after this forecasted date.</i>			
Atmel Contact: Any requests for PCN supporting data to include technical information (ROM codes, vector sets, customer IP, etc) must be submitted to your Atmel Sales Representative or Distributor. Please include the PCN number in subject line when replying via e-mail.			
Information provided herein is in connection with Atmel products and this information is provided "AS IS". Atmel assumes no responsibility for any errors that may appear in this document. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Atmel's Terms and Conditions of Sale for such products, Atmel assumes no liability whatsoever, and Atmel disclaims any express or implied warranty, including liability or warranties relating to fitness for a particular purpose, merchantability, or non-infringement of any patent, copyright or other intellectual property right. Atmel products are not intended for use in a product or system intended to support or sustain life which, if it fails, can be reasonably expected to result in significant personal injury. Atmel may make changes to specifications and product descriptions at any time, without notice.			

CUSTOMER ACKNOWLEDGEMENT OF RECEIPT: Atmel requests you acknowledge receipt of this PCN. Please complete and email to the Atmel Contact listed above. In your acknowledgement, you can grant approval or request additional information. **Atmel will deem this change accepted unless specific conditions of acceptance are provided in writing within 30 days from the date of this notice.**

To be completed by customer: ☐ <u>Approved</u> ☐ <u>Rejected (Please state reason for rejection):</u>	
Company: Name: Title: Date: Email Address: Location: Comments:	