



Updated DST Standard IC Locations

This document describes locations of ICs that need to be replaced for the updated DST standards. If the manual is available, please refer to the printed circuit board layout in the manual to determine which IC to replace. Some units have only one microprocessor installed in them. Some units have only one microprocessor standard, but may have additional microprocessors installed as part of an option. Some units have two or more microprocessors standard.

The list below gives the name of the logic board on which the IC that needs to be replaced is installed. If more than one microprocessor is installed on that board, a landmark on the board is given to describe the location of the IC that needs to be replaced.

If you have any questions, please call ESE at the phone number above.

ES-101, ES-102, ES-103

Replace the 40 pin IC on the ES-101, ES-101-M12 or ES-101-M12A logic board.

ES-102U, ES-103U, ES-185U

Replace the 52 pin IC on the ES-UMB board.

ES-104, ES-104A, ES-289, ES-289A, ES-299A, ES-911/NTP, ES-911A/NTP, ES-911U/NTP

Replace the 40 pin IC on the ES-NTP or ES-NTPM12 board.

ES-110

Replace the 40 pin IC on the ES-110 or ES-110M12 board.

ES-160A, ES-181A

Replace the 40 pin IC on the ES-185A, ES-185A1, ES-185A2 or ES-185A3 board.

ES-161U/NTP, ES-166U/NTP, ES-991U/NTP, ES-993U/NTP, ES-996U/NTP, ES-941U/NTP, ES-943U/NTP

Replace the 40 pin IC on the ES-USS board.

ES-185

There are three 40 pin ICs on the ES-185 board. Replace the 185M1 chip. The 185M1 chip is the one just to the left of the DST OFF jumper location.

ES-185A, ES-185A/12

Replace the 40 pin IC on the ES-185A, ES-185A1, ES-185A2 or ES-185A3 board.

ES-192U, ES-194U

Replace the 40 pin IC on the ES-UCT2 logic board.

ES-206U

Replace the 52 pin IC on the ES-UVB board.

ES-223, ES-911/CDMA, ES-911/GPS, ES-911/Serial, ES-911/TSM, ES-911/USB

Replace the 40 pin IC on the ES-911 or ES-911A board.

ES-225A

Replace the 40 pin IC on the ES-USS board.

ES-277U/GPS

Replace the 40 pin IC on the ES-290, ES-290M12 or ES-290M12A logic board.

ES-291, ES-292

Replace the 40 pin IC on the ES-290, ES-290M12 or ES-290M12A logic board.

ES-911/GPS/NTP, ES-911U/GPS/NTP

Replace the 40 pin IC closest to the RESET jumper on the ES-911A board.