

IEEE Registration Authority Unique Registration Number (URN) Application

IEEE has defined a common digital communication interface standard for mixed-mode transducers utilizing a single wire serial bus technology developed by Maxim/Dallas Semiconductor Corporation.

All IEEE 1451.4-2004 transducers may be operated in a multi-drop network environment. Addressing is controlled by a unique registration number (URN). (see IEEE Std 1451.4.2004 subclause 5.4, figure 2) Commercially purchased node devices contain a URN, and manufacturers installing these devices in their products do not need to purchase additional URNs.

Users of IEEE 1451.4-2004 wishing to emulate the operation of a purchased node device with an ASIC or micro-controller may purchase a block of 4096 URNs through the IEEE Registration Authority, to be used in their proprietary designs. Each device must contain a URN to control access in the multi-drop environment.

The application can be emailed, faxed or mailed to the Registration Authority. Please indicate the number of blocks of 4096 URNs you would like to purchase. IEEE does not honor requests for applicant-specified URNs.

The review and approval process will be completed in less than 30 days. If the application is placed on hold for any reason, the applicant has 30 days to rectify the problem. If the problem is not rectified within 30 days, the application will be terminated and the applicant can re-apply once the issue has been resolved. An assignment is received within 7 business days of approval and received payment.

Make sure that all sections of the form are completed.

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I wish to apply for _____ number(s) (10 maximum per purchase) IEEE 1451.4-2004 URN block(s) of 4096 values each.

NOTICE: There may be intellectual property issues associated with the use of URNs that requesters are responsible to ascertain and satisfy. They may require the purchase of a license(s) and to pay a royalty to third parties who claim ownership to the intellectual property. It is strongly recommended that before purchasing an URN to review the [IEEE-SA patent database](#) to obtain information that may be relevant to that URN.

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Organization will pay via

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Credit Card (Please call 732.465.6481 or Fax 732.562.1571)

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