

SURFBOARDS™ SURFACE MOUNT UNIVERSAL BOARDS™

THE BREADBOARDING MEDIUM FOR SURFACE MOUNT™

SEE OUR APPLICATION
NOTE **SM-EZ-101** FOR
INFORMATION ON BASIC
ASSEMBLY TECHNIQUES

SURFNOTES™

BULLETIN
SP-104

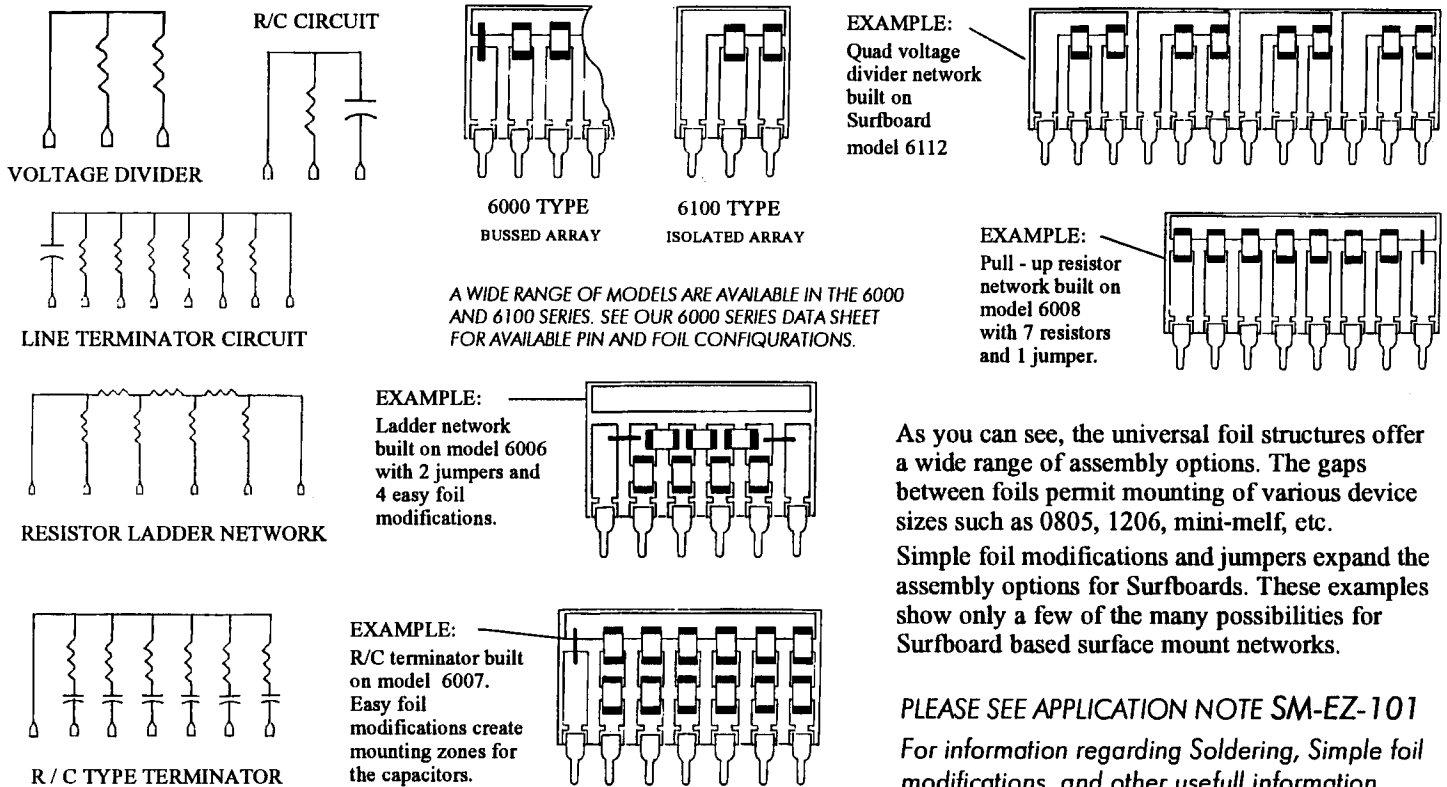
PRACTICAL SURFACE MOUNT CIRCUIT APPLICATIONS USING SURFBOARDS

BUILD CUSTOM NETWORKS TO YOUR SPECIFICATIONS

SURFBOARD 6000 AND 6100 SERIES PROVIDE THE PERFECT PLATFORMS

With SURFBOARDS you can build a wide range of different surface mount based network configurations. Your networks can incorporate the component types and values for your specific need. Many times it is possible to also include additional devices on the same module and increase packaging density even further. While a wide range of standard commercial networks are available, they are somewhat limited to a few general types with a limited choice of component values. Surfboards are the perfect solution for building prototype and short run production custom networks to your specifications, and the S.I.P. (single in line) pins on Surfboards will make your custom networks compatible with breadboards or sockets.

A FEW BASIC NETWORK CIRCUITS AND SURFBOARD ASSEMBLY LAYOUT CONCEPTS



As you can see, the universal foil structures offer a wide range of assembly options. The gaps between foils permit mounting of various device sizes such as 0805, 1206, mini-melf, etc.

Simple foil modifications and jumpers expand the assembly options for Surfboards. These examples show only a few of the many possibilities for Surfboard based surface mount networks.

PLEASE SEE APPLICATION NOTE **SM-EZ-101** For information regarding Soldering, Simple foil modifications, and other useful information.

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