Unlock the Full Potential of SiC
Microchip’s Accelerated Silicon Carbide (SiC) Development Kit includes the hardware and software elements required to rapidly optimize the performance of the Microchip family of SP6LI Low Inductance SiC modules and systems.

This new tool enables designers to adjust system performance through software upgrades using the AgileSwitch® Intelligent Configuration Tool (ICT) and a device programmer. No soldering required.

The ICT offers configuration of different drive parameters including on/off gate voltages, DC link and temperature fault levels and Augmented Switching™ technology profiles.

Small changes to the Augmented Switching technology profiles can yield dramatic improvements in switching efficiency, overshoot, ringing and short-circuit protection.

Intelligent Configuration Tool (ICT)
Optimize With a Keystroke
Available for download at www.AgileSwitch.com/program.html

Kit Part Numbers
ASDAK-MSCSM70AM025CT6LIAG-01
- 1x MSCSM70AM025CT6LIAG – 700V SiC Module
- 1x AgileSwitch 2ASC-12A1HP – 1200V Core
- 1x SP6CA1 – 1200V SP6LI Module Adapter

ASDAK-MSCSM120AM042CT6LIAG-01
- 1x MSCSM120AM042CT6LIAG – 1200V SiC Module
- 1x AgileSwitch 2ASC-12A1HP – 1200V Core
- 1x SP6CA1 – 1200V SP6LI Module Adapter

ASDAK-MSCSM120AM03CT6LIAG-01
- 1x MSCSM120AM03CT6LIAG – 1200V SiC Module
- 1x AgileSwitch 2ASC-12A1HP – 1200V Core
- 1x SP6CA1 – 1200V SP6LI Module Adapter

ASDAK-MSCSM120AM02CT6LIAG-01
- 1x MSCSM120AM02CT6LIAG – 1200V SiC Module
- 1x AgileSwitch 2ASC-12A1HP – 1200V Core
- 1x SP6CA1 – 1200V SP6LI Module Adapter

Each Kit Includes
- 1x – SP6LI Low Inductance SiC Power Module
- 1x – AgileSwitch 2ASC Series Core
- 1x – Module Adapter Board
- 1x – ASBK-014 Device Programmer Kit
- 1x – ICT Software

SiC module included
Most individual components may be ordered separately
Programming kit may differ from shown

The Microchip name and logo, the Microchip logo and AgileSwitch are registered trademarks of and Augmented Switching is a trademark of Microchip Technology Incorporated in the U.S.A. and other countries. All other trademarks mentioned herein are property of their respective companies.

© 2020, Microchip Technology Incorporated. All Rights Reserved. 7/20

www.microchip.com