



Description: Simplicity Debug Adapter Board

Part Number: SLSDA001A



The Simplicity Debug Adapter Board plugs directly into the Debug Connector and the Simplicity Connector on a [Wireless Starter Kit \(WSTK\) or a subset of Starter Kits \(STK\)](#) and combines selected functionality from these two to a smaller footprint 10-pin connector which is more suitable for space constrained designs.

The ARM® Cortex® 10-pin Debug Connector follows the standard Cortex pin-out defined by ARM and allows the WSTKs and STKs to be used to debug hardware designs that use this connector.

Note: Packet Trace is only available on the Wireless STK Mainboards. MCU Starter Kits do not support Packet Trace

Hardware Features

Simplicity Debug Adapter Board contents:

- Simplicity Debug Adapter Board
- 10-pin ribbon cable

10-pin Debug Interfaces:

- Silicon Labs Mini Simplicity Connector
- ARM Cortex 10-pin Debug Connector
- Silicon Labs ISA3 Packet Trace

Advanced Debug Features:

- SWD
- JTAG
- C2
- ETM
- AEM
- PTI
- VCOM
- Virtual UART

Interface Capabilities and Features

Feature	20-pin Standard ARM Cortex Debug+ETM Connector	20-pin Simplicity Connector	Simplicity Debug Adapter Board Interfaces (Standard or Tag-Connect 10-pin cable)			Tag-Connect 6-pin Interface
			Mini Simplicity Connector	Cortex Debug Connector	ISA3 Packet Trace Port Connector	
SWD (serial wire debug)	X		X	X	X	X
JTAG	X			X	X	
C2	X			X		
ETM (embedded trace module)	X					
AEM (advanced energy monitoring)		X	X			
PTI (packet trace interface)		X	X		X	
VCOM (virtual COM port)		X	X			
Virtual UART	X		X	X	X	X

Note: ISA Packet Trace Port Connector Interface is not yet supported by the WSTK.

