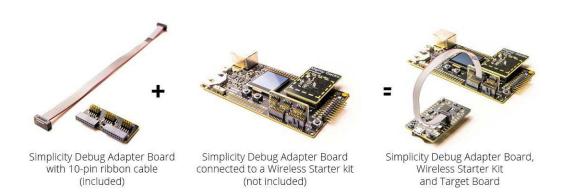


**Description:** Simplicity Debug Adapter Board

Part Number: SLSDA001A



The Simplicity Debug Adapter Board plugs directly into the Debug Connector and the Simplicity Connector on a <u>Wireless Starter Kit (WSTK)</u> or a <u>subset of Starter Kits (STK)</u> 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-put 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
			Mini Simplicity Connector	Cortex Debug Connector	ISA3 Packet Trace Port Connector	Interface
SWD (serial wire debug)	Х		X	X	X	X
JTAG	Х			Х	Х	
C2	Х			Х		
ETM (embedded trace module)	Х					
AEM (advanced energy monitoring)		Х	х			
PTI (packet trace interface)		Х	х		Х	
VCOM (virtual COM port)		Х	х			
Virtual UART	Х		Х	Х	Х	Х

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