



Ashling Product Brief APB164

Ashling Smart Card Emulators, Probes and Adapters

Emulators:

<i>Philips Smart Card Device</i>	<i>Ashling Emulator Product^{1,2}</i>	<i>Probe Pod¹</i>	<i>Probe-Adapter²</i>
P8WE50xx/60xx	Ultra-P8WE5000	PRU-P8WE5000	INCLA-7816
P8RF50xx/60xx (MIFARE™ProX)	Ultra-P8RF5000	PRU-P8RF5000	INCLA7816USB
SmartMX	Ultra-SmartMX	PRU-SmartMX	INCLA-7816USB
SmartXA2	Ultra-SmartXA2	PRU-SmartXA2	INCLA-7816USB

Notes:

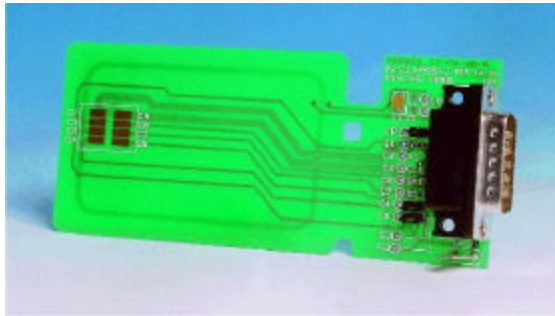
1. All Ultra-series Smart Card Emulators are supplied with the appropriate Probe Pod.
2. Probe-Adapters are not supplied with Ultra-series Smart Card Emulators; the appropriate Probe-Adapter should be ordered separately.
3. All SCPCU-series Kits are supplied with the IN-CLA7816 Probe-Adapter.

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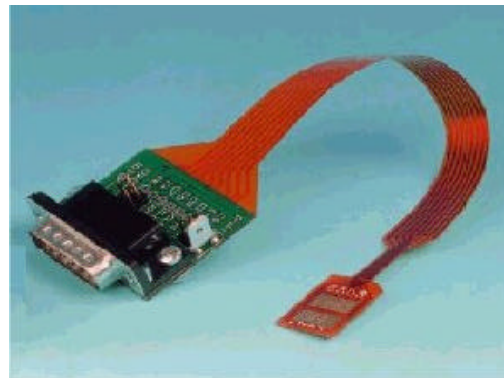
Tel: (408) 884 3020
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Email: sales.usa@ashling.com

Probe-Adapter Features:

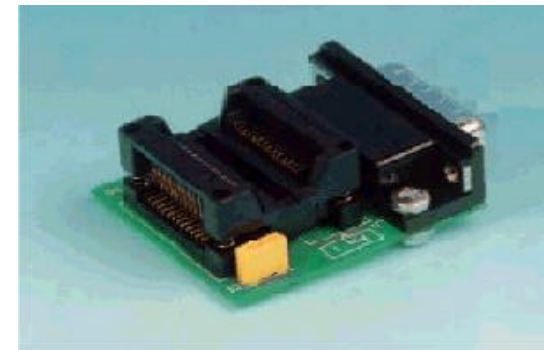
<i>Probe-Adapter</i>	<i>Features</i>	<i>Connector to Probe-Pod or Prototyping Kit</i>	<i>Notes</i>
INCLA-7816	ISO7816 Card Contacts; Contactless Antenna; SO28 Packaged Die Socket	Contact-mode: 10-way IDC ribbon. Antenna-mode: 6-way IDC ribbon	Used with Ultra-P8WE5000 Emulator in Contact and Contactless modes. Also used to test packaged Contact and Contactless Smart Card die.
INCLA7816USB	ISO7816 Card Contacts; Contactless Antenna	15-way D-type	Used with Ultra-P8RF5000, Ultra-SmartMX and Ultra-SmartXA2 Emulators in Contact and Contactless modes.
IN-SIM (GSM)	SIM Card Contacts, ID-000 card size	15-way D-type	Used with Ultra-P8RF5000, Ultra-SmartMX and Ultra-SmartXA2 Emulators for SIM card development.
SCP-SIM	SIM Card Contacts, ID-000 card size	10-way IDC ribbon.	Used with Ultra-P8WE5000 Emulator
IN-SO28	SO28 Packaged Die Socket	15-way D-type	Used with IN-CLA7816USB (Contact and Contactless) or IN-SIM (GSM) Probe-Adapter to test packaged Smart Card die



The IN-CLA7816USB Probe-Adapter has an ISO7816 Card Contacts field, and a Contactless Antenna



The IN-SIM (IN-GSM) Probe-Adapter has a SIM-card Contacts field, in ID-000 size.



The IN-SO28 Packaged Die Socket accepts sample packaged Smart Card Die, in an SO28 package. By connecting IN-SO28 to IN-CLA7816USB or IN-SIM (IN-GSM), you can test a packaged die in a card reader.