SOCOMATE INTERNATIONAL

USPC3100 PCI CARD SERIES

REFERENCES	HARDWARE	SOFTWARE
USPC3100I	Common Specifications	to all series of PCI cards
	. Full length 1/1 PCI slot . One Channel P/R . Single & Multiple Channel per PC . 20kHz PRF and 200MHz A/DC . TX : SMB connector . RX : SMB “ . RF : SMB “ . I/O : HE10; 26-Pin connector * 8 Analogue Outputs (0-5V.) * 9 On/Off Alarms (Open collector) * I/O Triggers (TTL) * 5V. - Ground	. Windows 2000/NT/XP . LabView API + Source . Specific Wall Thickness Software . SDK : * DLL for setting control * DLL for A/C-Scan data Acquisition at PC screen refresher Frequency * Active-X Control * Example in LabView, VB & VC . HELP! Tutorial (.html) * API/ DLL/ Active-X
USPC3100LC	OPTIONS	OPTIONS
	Identical with USPC3100I Card . High capacity & Fast FIFO Memory	. C-Scan Data transfer via PCI Bus at Repetition Rate, max. 20kHz . C-Scan Acquisition software: * Amplitude Gate 1&2 * TOF/WT Gate IF, 1&2 * Alarms Gate IF, 1&2 . SDK : * DLL for C-Scan Acquisition
USPC3100LA 	Identical with USPC3100I Card . Very High capacity & Very Fast FIFO Memory	. USPC3100LC Options plus : . A-Scan Data transfer via PCI Bus at up to 20kHz PRF . A-Scan Acquisition software: * A-Scan Display up to 512 pts * from A/DC, max. 100MS/s . SDK : * DLL for A-Scan Acquisition
USPC3100MB	Identical with USPC3100I Card But W/O PULSER (TX)	. To be used with MUX8B . To be used with RCPP1B
USPC3100MBC	Identical with USPC3100LC Card but W/O PULSER (TX)	. To be used with MUX8B . To be used with RCPP1B
USPC3100MBA	Identical with USPC3100LA Card But W/O PULSER (TX)	. To be used with MUX8B . To be used with RCPP1B
USPC3100MH	Identical with USPC3100I Card But W/O PULSER (TX)	. To be used with MUX8H
USPC3100MHC	Identical with USPC3100LC Card but W/O PULSER (TX)	. To be used with MUX8H
USPC3100MHA	Identical with USPC3100LA Card but W/O PULSER (TX)	. To be used with MUX8H
USPC3200P 	. Universal Flaw Detector . Low Cost Effective Solution . Single Channel per PC . 2KHz PRF . 100MHz A/DC All other Specifications are Identical with USPC3100I	All Specifications are fully Identical with USPC3100I Card But : .No Specific Wall Thickness Software

MUX AND RCPP EXTERNAL BOARDS

REFERENCE	HARDWARE	SOFTWARE
MUX8B	Common Specifications for MUX	and RCPP
	**. 8 Channel Remote Pulser/Attenuator/Preamp** **. Settings : RS232 (COM_)** **. PRF & START Triggers Inputs : 10-Pin HE10 connector** **. Sequential RF A-Scan Signal Output : SMB** **. 8 TX : SMB** **. 8 RX : SMB**	**. RS232 Interface Protocol for 8 Pulsers/Attenuators** **. Running only with USPC3100MB or MBC or MBA PCI Card** **. One MUX per USPC Card**
	OPTIONS	**OPTIONS**
MUX8H	**NO OPTION**	**. Running only with USPC3100MH or MHC or MHA PCI Card**
RCPP1B 	**. 1 Channel Remote Pulser/Attenuator/Preamp** **. PRF Trigger Input : 10-Pin HE10 connector** **. 1 TX : SMB** **. 1 RX : SMB**	**. One RCPP per USPC3100MB or MBC or MBA PCI Card**

USPC3100 with MUX or RCPP COMBINATION

REFERENCES	HARDWARE	SOFTWARE
PCMUX3108B	**USPC3100MB + MUX8B** **8 CHANNELS**	**. 8 sequential Tests** **. All settings are common but :** *** Gain** *** Gate 1&2 Position/Width/Level** *** Echo-Gate Trigger in Gate 2** *** DAC Position** *** Analogue & Alarm Outputs**
PCMUX3108BC	**USPC3100MBC + MUX8B** **8 CHANNELS**	**. Identical with PCMUX3108B WITH :** *** High Speed C-Scan Data transfer**
PCMUX3108BA	**USPC3100MBA + MUX8B** **8 CHANNELS**	**. Identical with PCMUX3108B WITH :** **High Speed C&A-Scan Data transfer**
PCRCPP3101B	**USPC3100MB + RCPP1B** **1 CHANNEL**	**. One Test** **. Identical to USPC3100I**
PCRCPP3101BC	**USPC3100MBC+RCPP1B** **1 CHANNEL**	**. One Test** **. Identical to USPC3100LC**
PCRCPP3101BA	**USPC3100MBA+RCPP1B** **1 CHANNEL**	**. One Test** **. Identical to USPC3100LA**
PCMUX3108 8 Ch. Unit **PCMUX3208H 16 Ch. Unit** **PCMUX3308H 24 Ch. Unit**	**1*USPC3100MH + 1*MUX8H** **2*USPC3100MH + 2*MUX8H** **3*USPC3100MH + 3*MUX8H**	**. All settings fully independent per Channel but Pulse Amplitude** **. Option DAC : H+**
PCMUX3108HC 8 Ch. Unit **PCMUX3208HC 16 Ch. Unit** **PCMUX3308HC 24 Ch. Unit**	**1*USPC3100MHC+1*MUX8H** **2*USPC3100MHC+2*MUX8H** **3*USPC3100MHC+3*MUX8H**	**. Identical with PCMUX3108H with : High Speed C-Scan Data transfer** **. Option DAC : HC+**
PCMUX3108HA 8 Ch. Unit **PCMUX3208HA 16 Ch. Unit** **PCMUX3308HA 24 Ch. Unit**	**1*USPC3100MHA+1*MUX8H** **2*USPC3100MHA+2*MUX8H** **3*USPC3100MHA+3*MUX8H**	**. Identical with PCMUX3108H with : High Speed C&A-Scan Data transfer** **. Option DAC : HA+**

SOCOMATE maintains the right to modify the specifications of their equipments
At any time and in whatever manner, in order to improve their performances

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