CRESTRON

Partner: Sharp
Model: LC-52D64U
Device Type: LCD Display

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Integrated Partner

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Sharp LC-52D64U v1.0
CATEGORY:	LCD Display
VERSION:	1.0
SUMMARY:	This module controls power, input selection, channel selection, av mode, aspect, volume, sleep mode, closed captioning, surround modes and audio mode.
GENERAL NOTES:	Typically, you could enable the polling option when the display's particular control page is active and displayed on a touch panel. You would then disable polling at other times. Also, there is no feedback represented when the TV is selected.
CRESTRON HARDWARE REQUIRED:	C2I-COM, ST-COM, C2-COM-* or CNX-COM2
SETUP OF CRESTRON HARDWARE:	RS232 Baud:9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	Unknown
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-122

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CONTROL:

Power_On/Off/Toggle	D	Pulse to turn the display on or off.
Input_*	D	Pulse to select input source.
Input_TV	D	Pulse to select TV tuner as the source.
AV_Mode_*	D	Pulse to select AV mode.
Aspect_*	D	Pulse to select aspect ratio.
Volume_Up/Down	D	Press to adjust volume level.
Volume_Mute/Mute_On/Mute_Off	D	Pulse to turn audio mute on or off.
Button_*	D	Pulse to select button 0-9.
Button_Dot	D	Pusle to select dot function for digital channels.
Button_Clear	D	Pulse to clear the TV channel request text field.
Button_Enter	D	Pulse to request the channel displayed in channel request text field.
Channel_Up/Down	D	Pulse to select channel up/down.
Air	D	Pulse to select over the air signal for TV.
Cable	D	Pulse to select cable signal for TV.
Audio_Mode	D	Pulse to cycle through available audio mode.
Closed_Caption	D	Pulse to cycle through available closed caption modes.
Sleep_*	D	Pulse to select sleep function.
Poll_Enable	D	Latch high to enable auto polling.
From_Device$	S	Serial data signal to be routed from a 2 way com port.

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FEEDBACK:

Power_On/Off_Fb	D	Latches high to indicate current power status.
Input_*_Fb	D	Latches high to indicate current input source (NOTE: TV input feedback not provided).
AV_Mode_*_Fb	D	Latches high to indicate current AV mode selection.
Aspect_*_Fb	D	Latches high to indicate current aspect selection.
Volume_Level	A	Indicates current volume level.
Volume_Bar	A	Indicates the current volume level for a bargraph
Volume_Mute/Mute_On/Mute_Off_Fb	D	Latches high to indicate current audio mute status.
Number$	S	Displays number to be requested upon pulsing the "Button_Enter" input signal.
Air_Fb	D	Latches high to indicate that the antenna signal has been selected for TV.
Cable_Fb	D	Latches high to indicate that cable signal has been selected for TV.
Sleep_*_Fb	D	Latches high to indicate current sleep mode setting.
To_Device$	S	Serial data signal to be routed to a 2 way com port.

TESTING:

OPS USED FOR TESTING:	3.155_1251
SIMPL WINDOWS USED FOR TESTING:	2.08.44
CRES DB USED FOR TESTING:	18.9.1
SYMBOL LIBRARY USED FOR TESTING:	497
SAMPLE PROGRAM:	Sharp LC-52D64U v1.0 Demo PRO2
REVISION HISTORY:	v1.0

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