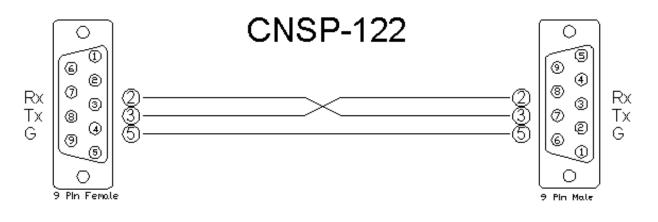


Partner: Sharp Model: LC-52D64U Device Type: LCD Display





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



CONTROL: Power_On/Off/Toggle D Pulse to turn the display on or off. Input_* D Pulse to select input source. Input_TV Pulse to select TV tuner as the source. D 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 Pulse to turn audio mute on or off. D Button * D Pulse to select button 0-9. Button_Dot Pusle to select dot function for digital channels. D **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 Pulse to select cable signal for TV. D 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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Partner: Sharp Model: LC-52D64U Device Type: LCD Display



Certified Module

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	А	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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