Partner: TOA
Models: M-8080D
Device Type: DSP

GENERAL INFORMATION

SIMPLWINDOWS NAME:	TOA M-8080D Command Processor v1.0
CATEGORY:	DSP
VERSION:	1.0
SUMMARY:	The TOA M-8080D module suite is built as components to allow the programmer to dynamically add the controls they need for their system code.
GENERAL NOTES:	• One Command Processor is required for each TOA M-8080D device in the system. • Control components will be added as needed. • This module suite is RS232 control only. • Locate the Device ID in the TOA M-8080D System Control Editor.
CRESTRON HARDWARE REQUIRED:	4-Series processor, 3-Series processor
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	N/A

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PARAMETERS:

Command_Processor_ID	The unique identifier of this module that component modules register with. Any component with a matching “Command_Processor_ID” will have its control and feedback running through this command processor’s RS232 control.
Device_Id	The unique Device ID assigned to the M-8080D in hex format. This value is found in the “M-8080D System Control Editor”. If the Device ID is 0100, format the Device_Id parameter as 0100h.

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CONTROL:

Start_Communication	D	Pulse or set high to initiate serial communication.
Stop_Communication	D	Pulse to stop serial communication and clear all current state information from the module.
Debug_Enable	D	Set high to enable module debug trace statements. While enabled, debug output will be printed to the control processor console.
RS232_From_Device	S	Link this signal to the receiving end of the RS232 port the device is connected to.
Device_Name	S	Enter the text to replace the current M-8080D Device Name. The device name can be a maximum of 16 characters.
Device_Name_Set	D	Pulse to set the M-8080D Device Name to the updated text on the “Device_Name” Input.
Relay_X_Link	A	A change in the analog value will link the value trigger type on the specified relay. Accepted Values: • 0: None • 1: Input 1 • 2: Input 2 • 3: Input 3 • 4: Input 4 • 5: Input 5 • 6: Input 6 • 7: Input 7 • 8: Input 8 • 9: Paging
Preset_X_Recall	D	Pulse the signal of the preset to be recalled.

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FEEDBACK:

Is_Communicating	D	Indicates the module is set to communicate and is actively receiving responses from the connected device.
Is_Initialized	D	Indicates that all states from the components have been initialized and the module is ready to be used.
RS232_To_Device	S	Link this signal to the transmitting end of the RS232 port the device is connected to.
Device_Name_Current	S	Reports the current M-8080D Device Name.
Relay_X_Current	A	Indicates the currently linked value trigger type on the specified relay. Accepted Values: • 0: None • 1: Input 1 • 2: Input 2 • 3: Input 3 • 4: Input 4 • 5: Input 5 • 6: Input 6 • 7: Input 7 • 8: Input 8 • 9: Paging

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TESTING:

OPS USED FOR TESTING:	CP4 v2.8001.00086 CP3 v1.8001.5061.26823
SIMPL WINDOWS USED FOR TESTING:	4.2500.04
CRES DB USED FOR TESTING:	220.0500.001.00
DEVICE DATABASE:	200.29000.002.00
SYMBOL LIBRARY USED FOR TESTING:	1193
SAMPLE PROGRAM:	TOA M-8080D Demo.smw
REVISION HISTORY:	v1.0 – Initial Release

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