

SERIES-III B086/8087/8088 MACRO ASSEMBLER V1.1 ASSEMBLY OF MODULE CF8825  
OBJECT MODULE PLACED IN :F1:CF8825.OBJ  
ASSEMBLER INVOKED BY: ASM86.B6 :F1:CF8825.A86 PRINT(:F1:CF8825.LST) DATE(1-FEB-84) ERRORPRINT

LOC	OBJ	LINE	SOURCE
		1 +1	\$TITLE(iAPX 86, 88 MONITOR CONFIGURATION TABLES FOR THE iSBC 88/25 SBC)
		2	NAME CF8825
		3 ;	-----
		4 ;	-----
		5 ;	TITLE: iSBC 88/25 SBC CONFIGURATION SOURCE MODULE
		6 ;	-----
		7 ;	ABSTRACT:
		8 ;	This module contains information necessary to configure
		9 ;	the iAPX 86, 88 Monitor to run on the iSBC 88/25 SBC. It is
		10 ;	divided into two tables: 1) Device Configuration and
		11 ;	2) Bootstrap Configuration.
		12 ;	-----
		13 ;	-----
		14 ;	-----
		15 ;	iAPX 86, 88 DEVICE CONFIGURATION TABLE
		16 ;	-----
		17 ;	There are a total of 9 macros which must all be invoked to
		18 ;	configure the iAPX 86, 88 Monitor. They must be invoked in the
		19 ;	following order: CPU, MAX_BUAD_COUNT, BAUD_RATE, BAUD_RATE_TIMER,
		20 ;	EXTRA_TIMER, SERIAL_PORT, PARALLEL_PORT, INTERRUPT_CONTROLLER AND
		21 ;	NPX. Of these, the BAUD_RATE_TIMER, EXTRA_TIMER, SERIAL_PORT,
		22 ;	PARALLEL_PORT AND INTERRUPT_CONTROLLER macros may have a type
		23 ;	specification of "NONE" if there is none on the iAPX 86, 88
		24 ;	based board being used. In this case, no other parameters
		25 ;	need to be specified. If the type is a valid type, all parameters
		26 ;	in the macro invocation must be specified; there are no defaults.
		27 ;	-----
		28 ;	-----
		29 +1	\$INCLUDE(:F1:CF957B.MAC)
=1		30 +1	\$emonly
=1		31 +1	\$save list
=1		32 +2	;
=1		33	PUBLIC baud_rate, baud_rate_count, b9600_count, b1200_count
=1		34	PUBLIC pit_control_port, baud_counter_port, baud_counter_mode
=1		35	PUBLIC unused_ctrl_x_mode, unused_ctrl_x_mode
=1		36	PUBLIC extra坑_exists, eeprom_exists, xit_control_port, xit_ctrl0_mode
=1		37	PUBLIC xit_ctrl_mode, xit_ctrl2_mode, eeprom_timer_port
=1		38	PUBLIC serial_exists, sio_data_port, sio_status_port, sio_mode
=1		39	PUBLIC sio_command
=1		40	PUBLIC parallel_exists, ppi_mode, ppi_input_port
=1		41	PUBLIC ppi_output_port, ppi_status_port, ppi_control_port
=1		42	PUBLIC pic_porta, pic_portb, icw1, icw2, icw4, int_controller_exists
=1		43	;
=1		44	DGROUP GROUP DATA
=1		45	ASSUME CS:CODE, DS:DGROUP
=1		46	;
=1		47	DATA SEGMENT PUBLIC 'DATA'
=1		48	DATA ENDS
=1		49	;
=1		50 +1	\$restore

LOC OBJ

LINE SOURCE

51  
52 +2  
53 +2  
54 +2 \$eject





LOC	OBJ	LINE	SOURCE
		155 +2	; ****-****-****-****-****-****-****-****-****-****-****-****-****-****-****-****-
		156 +2	;
		157 +2	; TITLE: NFX_SUPPORT
		158 +2	;
		159 +2	; ABSTRACT:
		160 +2	; THE NFX IS NOT AVAILABLE IN THIS CONFIGURATION OF THE
		161 +2	IAPX 86, 88 MONITOR. THE PROCEDURES CONTAINED IN THIS MODULE
		162 +2	SATISFY CALLS TO NFX SUPPORT MODULES BY OUTPUTTING AN ERROR
		163 +2	MESSAGE THAT THE NFX IS NOT AVAILABLE.
		164 +2	;
		165 +2	; ****-****-****-****-****-****-****-****-****-****-****-****-****-****-****-
		166 +2	
		167 +2	public npx_register, npx_display, npx_flags, maximum_precision
		168 +2	public print_npx_value, set_npx_value, move_npx_value
		169 +2	public npx_exists
		170 +2	
		171 +2	extern npx_errornear
		172 +2	
		173 +2	-----
0000 ??		174 +2	data segment public 'DATA'
0001 ?????		175 +2	npx_flags db ?
		176 +2	maximum_precision dw ?
		177 +2	-----
		178 +2	code segment public 'CODE'
		179 +2	
0034 00		180 +2	npx_exists db 0H
		181 +2	
0035		182 +2	npx_register proc near
0035 E90000	E	183 +2	jmp npx_error
		184 +2	npx_register endp
		185 +2	
0038		186 +2	npx_display proc near
0038 E90000	E	187 +2	jmp npx_error
		188 +2	npx_display endp
		189 +2	
003B		190 +2	print_npx_value proc near
003B E90000	E	191 +2	jmp npx_error
		192 +2	print_npx_value endp
		193 +2	
003E		194 +2	set_npx_value proc near
003E E90000	E	195 +2	jmp npx_error
		196 +2	set_npx_value endp
		197 +2	
0041		198 +2	move_npx_value proc near
0041 E90000	E	199 +2	jmp npx_error
		200 +2	move_npx_value endp
		201 +2	
		202 +2	code ends
		203 +2	
		204	
		205 +1	\$EJECT

ASSEMBLY COMPLETE, NO ERRORS FOUND