

CHART OF C90 MODULE USAGE

CLOCK MODULES

P/N	MODULE	SYSTEMS USED IN
31293013	CLK2	4000, 4201-4203, 4401-5, 4600-5 4800
31293008		
31293011		
31293012	CLK3	4000, 4201-4203, 4401-5, 4600-5 4800
31444000	CLK4	4000, 4201-4203, 4401-5, 4600-5 4800, 4900
31425000	HCLK	4204-4299, 4300->i, 4406->i, 4606->i, 4700->i
31425002		

CPU MODULES

P/N	MODULE	SYSTEMS USED IN
	CPU1	4002
31278028	CPU2	4002
31278031	CPU3	4000
31278004		
31278011		
31278025	CPU4	4000 (exception - can have options upgraded to be used in 4200, 4400, 4600, 4800)
31381000		
31278037		
	CPU5	HAS BMM FUNCTION.
31278033	CPU5	4000, 4200, 4400, 4600, 4800
31278032		
31278035		Module S/N 332 and up have glob top parts for all ROA.
31278036		spacerless epoxy P/N 13136800 used for all glob top options
	CPUD.05	DEPOPULATED - DOES NOT HAVE BMM FUNCTION.
31433002	CPUD.05	4000, 4200, 4400, 4600, 4800
31433001		
31435001	CPU6	4000, 4200, 4300, 4400, 4600, 4700, 4800, 4900
31435000		

CPU MODULES CONTINUED:

31435002 SIOCPU.06 4000, 4200, 4300, 4400, 4600, 4700, 4800, 4900

31452000 CPUD.06 4000, 4200, 4300, 4400, 4600, 4700, 4800, 4900
31452001

MEMORY MODULES

**HDRM MODULE HAS 128MW STORAGE. FULLY POPULATED MACHINES 4300 = 512MW,
4700 = 1GW,
4900 = 2GW**

P/N	MODULE	SYSTEMS USED IN
31422000	HDRM.0	4300, 4700, 4900
31422001		
31422002		
31422003		

31465000	HDRM.1	4300, 4700, 4900
31465001		
31465002		
31465003		
31465004		

**HM4M MODULE HAS 32MW STORAGE FULLY POPULATED MACHINES 4200/4400 = 128MW,
4600 = 256MW,
4800 = 512MW**

P/N	MODULE	SYSTEMS USED IN
31368006	HM4M.0	4200, 4400, 4600, 4800
31368002		
31368003		
31368004	HM4M.1	4200, 4400, 4600, 4800
31438002	HM4M.2	4200, 4400, 4600, 4800
31438000		

MEMORY MODULES CONTINUED:

MEM1 MODULE HAS 16MW STORAGE. FULLY POPULATED MACHINE = 256MW

P/N	MODULE	SYSTEMS USED IN
MEM1.2		4000
31332003	MEM1.3	4000
31332011	MEM1.4	4000
31332005		

MEM4 MODULE HAS 64MW STORAGE. FULLY POPULATED MACHINE = 1GW

P/N	MODULE	SYSTEMS USED IN
31347004	MEM4.0	4000
31347002		
31347003		
31437000	MEM4.1	4000

SHARE MODULES

P/N	MODULE	SYSTEMS USED IN
31312006	SHR.1	4000, 4200, 4400, 4600, 4800
31312005		
31415002	SHRIO.0	4000, 4200, 4400, 4600, 4800
31415000	31415001	
31450001	SHRIO.1	4000, 4200, 4300, 4400, 4600, 4700, 4800, 4900
31450000		
31420002	SHARED.0	4000, 4200, 4400, 4600, 4800
31420000		
31420001		
31454001	SHARED.1	4000, 4200, 4300, 4400, 4600, 4700, 4800, 4900
31454000		