	A Register (Function Word)		B Register (Data Word)		
Function	P-0 2^{15} --- 2^{0}	P-1 2^{15} --- 2^{0}	P-2 2^{15} --- 2^{0}	P-3 2^{15} --- 2^{0}	Descriptions
20	020000	Refresh Length 2^{9} --- 2^{0}	C.M.A. (see note 1) 2^{31} --- 2^{16}	C.M.A. 2^{15} --- 2^{0}	Common Memory Refresh
21	02100X * (see note 2)	Interrupt Address 2^{15} --- 2^{0}	0	0	Enter Interrupt Address and status.
22	022000	Transfer Length 2^{9} --- 2^{0} (see note 3)	C.M.A. 2^{31} --- 2^{16}	C.M.A. 2^{15} --- 2^{0}	Read n words from designated address.
23	023000	Transfer Length 2^{9} --- 2^{0} (see note 3)	C.M.A. 2^{31} --- 2^{16}	C.M.A. 2^{15} --- 2^{0}	Write n words into designated address.
24	024000	0	0	0	Read common memory port status register data.
25	025000	0	0	0	Read common memory error address.
26	026000	0	C.M.A. 2^{31} --- 2^{16}	C.M.A. 2^{15} --- 2^{0}	Read single word to foreground access register from common memory.
27	027000	0	C.M.A. 2^{31} --- 2^{16}	C.M.A. 2^{15} --- 2^{0}	Write single word from foreground access register to common memory.
30	030000	0	0	0	Transmit high-order 32 bits from foreground access register.
31	031000	0	0	0	Transmit low-order 32 bits from foreground access register.
32	032000	0	Data 2^{63} --- 2^{48}	Data 2^{47} --- 2^{32}	Load high-order 32 bits into foreground access register.
33	033000	0	Data 2^{31} --- 2^{16}	Data 2^{15} --- 2^{0}	Load low-order 32 bits into foreground access register.

C0001C0408

NOTE 1 - Bit 2^{29} for a four quad memory or bit 2^{26} for a single quad memory has to be set to do a refresh.

NOTE 2 - The lower 2 bits of the subfunction selects interrupt mode. X = 1 - interrupt on single bit error, X = 2 - interrupt on double bit error, X = 3 - interrupt on single or double bit error.

NOTE 3 - A transfer length of 0 will transfer 100_8 words.

Common Memory Error Occurred

FAR or EB