

Bits 15 - 12	Operation
0 0 0 0	Bit Manipulation/MOVEP/Immediate
0 0 0 1	Move Byte
0 0 1 0	Move Long
0 0 1 1	Move Word
0 1 0 0	Miscellaneous
0 1 0 1	ADDQ/SUBQ/ScC/DBcc/TRAPc c
0 1 1 0	Bcc/BSR/BRA
0 1 1 1	MOVEQ
1 0 0 0	OR/DIV/SBCD
1 0 0 1	SUB/SUBX
1 0 1 0	(Unassigned, Reserved)
1 0 1 1	CMP/EOR
1 1 0 0	AND/MUL/ABCD/EXG
1 1 0 1	ADD/ADDX
1 1 1 0	Shift/Rotate/Bit Field
1 1 1 1	Coprocessor Interface/MC68040 and CPU 32 Extensions