

	Assembly Operation					Type	Bitmask	Value
	ROL	1110	xxx1	ssi1	1rrr	Shift	E118	57,624
	LSL	1110	xxx1	ssi0	1rrr	Shift	E108	57,608
	ASL	1110	xxx1	ssi0	0rrr	Shift	E100	57,600
	ROR	1110	xxx0	ssi1	1rrr	Shift	E018	57,368
	LSR	1110	xxx0	ssi0	1rrr	Shift	E008	57,352
	ASR	1110	xxx0	ssi0	0rrr	Shift	E000	57,344
	ADDA	1101	rrro	1lee	eeee		D0C0	53,440
	ADD	1101	rrro	oeee	eeee		D000	53,248
	MULS	1100	rrr1	1lee	eeee		C1C0	49,600
	CMP	1011	rrro	oeee	eeee		B000	45,056
	SUB	1001	rrro	oeee	eeee		9000	36,864
	DIVS	1000	rrr1	1lee	eeee		81C0	33,216
	OR	1000	rrro	oeee	eeee		8000	32,768
	BLT	0110	1101	dddd	dddd	Branch	6D00	27,904
	BGE	0110	1100	dddd	dddd	Branch	6C00	27,648
	BVC	0110	1000	dddd	dddd	Branch	6800	26,624
	BCS	0110	0101	dddd	dddd	Branch	6500	25,856
	BRA	0110	0000	dddd	dddd	Branch	6000	24,576
	SUBQ	0101	ddd1	ssee	eeee		5100	20,736
	JSR	0100	1110	10ee	eeee	oneOp	4E80	20,096
	RTS	0100	1110	0111	0101	zeroOp	4E75	20,085
	NOP	0100	1110	0111	0001	zeroOp	4E71	20,081
	MOVEM	0100	1D00	1see	eeee		4880	18,560
	NEG	0100	0100	ssee	eeee	oneOp	4400	17,408
	LEA	0100	rrr1	1lee	eeee	oneOp	41C0	16,832
	MOVEA.W	0011	rrr0	0lee	eeee		3040	12,352
	MOVE.W	0011	rrro	oeee	eeee		3000	12,288
	MOVEA.L	0010	rrr0	0lee	eeee		2040	8,256
	MOVE.L	0010	rrro	oeee	eeee		2000	8,192
	MOVE.B	0001	rrro	oeee	eeee		1000	4,096
	CMPI	0000	1100	ssee	eeee		C00	3,072
	BCLR	0000	rrr1	1lee	eeee		1C0	448
	ORI	0000	0000	ssee	eeee		0	0