

Motorola M6800

-- Load/Store Groups --

Mn	I	D	X	E	I
LDAA	86	96	A6	B6	
LDAB	C6	D6	E6	F6	
STAA		97	A7	B7	
STAB		D7	E7	F7	
LDX	CE	DE	EE	FE	
STX		DF	EF	FF	
LDS	8E	9E	AE	BE	
STS		9F	AF	BF	

-- Clear Groups --

Mn	I	D	X	E	I
CLR			6F	7F	
CLRA					4F
CLRB					5F

-- AND Groups --

Mn	I	D	X	E	I
ANDA	84	94	A4	B4	
ANDB	C4	D4	E4	F4	

-- OR Groups --

Mn	I	D	X	E	I
ORAA	8A	9A	AA	BA	
ORAB	CA	DA	EA	FA	

-- Add Groups --

Mn	I	D	X	E	I
ADDA	8B	9B	AB	BB	
ADDB	CB	DB	EB	FB	
ABA					1B
ADCA	89	99	A9	B9	
ADCB	C9	D9	E9	F9	

-- COM Groups --

Mn	I	D	X	E	I
COM			63	73	
COMA					43
COMB					53

-- BIT Groups --

Mn	I	D	X	E	I
BITA	85	95	A5	B5	
BITB	C5	D5	E5	F5	

-- EOR Groups --

Mn	I	D	X	E	I
EORA	88	98	A8	B8	
EORB	C8	D8	E8	F8	

-- Subtract Groups --

Mn	I	D	X	E	I
SUBA	80	90	A0	B0	
SUBB	C0	D0	E0	F0	
SBA					10
SBCA	82	92	A2	B2	
SBCB	C2	D2	E2	F2	

-- NEG Groups --

Mn	I	D	X	E	I
NEG			60	70	
NEGA					40
NEGB					50

-- INC Groups --

Mn	I	D	X	E	I
INC			6C	7C	
INCA					4C
INCB					5C
INX					08
INS					31

-- DEC Groups --

Mn	I	D	X	E	I
DEC			6A	7A	
DECA					4A
DECB					5A
DEX					09
DES					34