

Base		LOW NIBBLE															
		0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
HIGH NIBBLE	0	BRK #	ORA (bp,x)	CLE	SEE	TSB bp	ORA bp	ASL bp	RMB0 bp	PHP	ORA #	ASL A	TSY	TSB a	ORA a	ASL a	BBR0 bp,r
	1	BPL/BNC r	ORA (bp),y	ORA (bp),z	BPL/BNC rr	TRB bp	ORA bp,x	ASL bp,x	RMB1 bp	CLC	ORA a,y	INA/INC A	INZ/INC Z	TRB a	ORA a,x	ASL a,x	BBR1 bp,r
	2	JSR a	AND (bp,x)	JSR (a)	JSR (a,x)	BIT bp	AND bp	ROL bp	RMB2 bp	PLP	AND #	ROL A	TYS	BIT a	AND a	ROL a	BBR2 bp,r
	3	BMI/BNS r	AND (bp),y	AND (bp),z	BMI/BNS rr	BIT bp,x	AND bp,x	ROL bp,x	RMB3 bp	SEC	AND a,y	DEC A	DEZ/DEC Z	BIT a,x	AND a,x	ROL a,x	BBR3 bp,r
	4	RTI	XOR (bp,x)	NEG A	ASR A	ASR bp	XOR bp	LSR bp	RMB4 bp	PHA	XOR #	LSR A	TAZ	JMP a	XOR a	LSR a	BBR4 bp,r
	5	BVC r	XOR (bp),y	XOR (bp),z	BVC rr	ASR bp,x	XOR bp,x	LSR bp,x	RMB5 bp	CLI	XOR a,y	PHY	TAB	EXTENDED	XOR a,x	LSR a,x	BBR5 bp,r
	6	RTS	ADC (bp,x)	RTN #	BSR rr	STZ bp	ADC bp	ROR bp	RMB6 bp	PLA	ADC #	ROR A	TZA	JMP (a)	ADC a	ROR a	BBR6 bp,r
	7	BVS r	ADC (bp),y	ADC (bp),z	BVS rr	STZ bp,x	ADC bp,x	ROR bp,x	RMB7 bp	SEI	ADC a,y	PLY	TBA	JMP (a,x)	ADC a,x	ROR a,x	BBR7 bp,r
	8	BRA r	STA (bp,x)	STA (d,sp),y	BRA rr	STY bp	STA bp	STX bp	SMB0 bp	DEY/DEC Y	BIT #	TXA	STY a,x	STY a	STA a	STX a	BBS0 bp,r
	9	BCC r	STA (bp),y	STA (bp),z	BCC rr	STY bp,x	STA bp,x	STX bp,y	SMB1 bp	TYA	STA a,y	TXS	STX a,y	STZ a	STA a,x	STZ a,x	BBS1 bp,r
	A	LDY #	LDA (bp,x)	LDX #	LDZ #	LDY bp	LDA bp	LDX bp	SMB2 bp	TAY	LDA #	TAX	LDZ a	LDY a	LDA a	LDX a	BBS2 bp,r
	B	BCS r	LDA (bp),y	LDA (bp),z	BCS rr	LDY bp,x	LDA bp,x	LDX bp,y	SMB3 bp	CLV	LDA a,y	TSX	LDZ a,x	LDY a,x	LDA a,x	LDX a,y	BBS3 bp,r
	C	CPY #	CMP (bp,x)	CPZ #	DEW bp	CPY bp	CMP bp	DEC bp	SMB4 bp	INY/INC Y	CMP #	DEX/DEC X	ASW/ALW a	CPY a	CMP a	DEC a	BBS4 bp,r
	D	BNE/BZC r	CMP (bp),y	CMP (bp),z	BNE/BZC rr	CPZ bp	CMP bp,x	DEC bp,x	SMB5 bp	CLD	CMP a,y	PHX	PHZ	CPZ a	CMP a,x	DEC a,x	BBS5 bp,r
	E	CPX #	SBC (bp,x)	LDA (d,sp),y	INW bp	CPX bp	SBC bp	INC bp	SMB6 bp	INX/INC X	SBC #	NOP	ROW/RLW a	CPX a	SBC a	INC a	BBS6 bp,r
	F	BEQ/BZS r	SBC (bp),y	SBC (bp),z	BEQ/BZS rr	PHW ##	SBC bp,x	INC bp,x	SMB7 bp	SED	SBC a,y	PLX	PLZ	PHW a	SBC a,x	INC a,x	BBS7 bp,r

Extended		LOW NIBBLE															
		0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
HIGH NIBBLE	0						MUL bp				MUL #				MUL a		
	1						MUL bp,x				MUL a,y				MUL a,x		
	2						MLH bp				MLH #				MLH a		
	3						MLH bp,x				MLH a,y		RND		MLH a,x		
	4						MOD bp			PHR	MOD #		SWP		MOD a		
	5						MOD bp,x				MOD a,y		SXY		MOD a,x		
	6						DIV bp			PLR	DIV #		SXZ		DIV a		
	7						DIV bp,x				DIV a,y		SYZ		DIV a,x		
	8		STA (bp,x),y	STA sp,y													
	9		STA pc,xy														
	A																
	B																
	C							DCC bp		CBH		LRW a	ARW a			DCC a	
	D							DCC bp,x								DCC a,x	
	E		LDA (bp,x),y	LDA sp,y				ICC bp		CHB			RRW a			ICC a	WAI
	F		LDA pc,xy					ICC bp,x								ICC a,x	STP

Total Instructions:308

Instructions Left:204