

	0	1	2	3	4	5	6	7
0	BRK #imm	BPL rel	JSR abs	BMI rel	RTI	BVC rel	RTS	BVS rel
1	ORA (dp,X)	ORA (dp),Y	AND (dp,X)	AND (dp),Y	EOR (dp,X)	EOR (dp),Y	ADC (dp,X)	ADC (dp),Y
2	COP dp	ORA (dp)	JSR (sp,S),Y	AND (dp)	COP #imm	EOR (dp)	PHR rel16	ADC (dp)
3	ORA sp,S	ORA (sp,S),Y	AND sp,S	AND (sp,S),Y	EOR sp,S	EOR (sp,S),Y	ADC sp,S	ADC (sp,S),Y
4	TSB dp	TRB dp	BIT dp	BIT dp,X			STZ dp	STZ dp,X
5	ORA dp	ORA dp,X	AND dp	AND dp,X	EOR dp	EOR dp,X	ADC dp	ADC dp,X
6	ASL dp	ASL dp,X	ROL dp	ROL dp,X	LSR dp	LSR dp,X	ROR dp	ROR dp,X
7	RMB0 dp	RMB1 dp	RMB2 dp	RMB3 dp	RMB4 dp	RMB5 dp	RMB6 dp	RMB7 dp
8	PHP	CLC	PLP	SEC	PHA	CLI	PLA	SEI
9	ORA #imm	ORA abs,Y	AND #imm	AND abs,Y	EOR #imm	EOR abs,Y	ADC #imm	ADC abs,Y
A	ASL A	INC A	ROL A	DEC A	LSR A	PHY	ROR A	PLY
B								
C	TSB abs	TRB abs	BIT abs	BIT abs,X	JMP abs	BRA rel16	JMP (abs)	JMP (abs,X)
D	ORA abs	ORA abs,X	AND abs	AND abs,X	EOR abs	EOR abs,X	ADC abs	ADC abs,X
E	ASL abs	ASL abs,X	ROL abs	ROL abs,X	LSR abs	LSR abs,X	ROR abs	ROR abs,X
F	BBR0 dp,rel	BBR1 dp,rel	BBR2 dp,rel	BBR3 dp,rel	BBR4 dp,rel	BBR5 dp,rel	BBR6 dp,rel	BBR7 dp,rel

	8	9	A	B	C	D	E	F
0	<b>BRA rel</b>	BCC rel	LDY #imm	BCS rel	CPY #imm	BNE rel	CPX #imm	BEQ rel
1	STA (dp,X)	STA (dp),Y	LDA (dp,X)	LDA (dp),Y	CMP (dp,X)	CMP (dp),Y	SBC (dp,X)	SBC (dp),Y
2	<b>JMP (sp,S),Y</b>	<b>STA (dp)</b>	LDX #imm	<b>LDA (dp)</b>	PLW dp	<b>CMP (dp)</b>	PLW abs	<b>SBC (dp)</b>
3	<b>STA sp,S</b>	<b>STA (sp,S),Y</b>	<b>LDA sp,S</b>	<b>LDA (sp,S),Y</b>	<b>CMP sp,S</b>	<b>CMP (sp,S),Y</b>	<b>SBC sp,S</b>	<b>SBC (sp,S),Y</b>
4	<b>STY dp</b>	<b>STY dp,X</b>	<b>LDY dp</b>	<b>LDY dp,X</b>	<b>CPY dp</b>	<b>PHW dp</b>	<b>CPX dp</b>	<b>PHW #imm16</b>
5	STA dp	STA dp,X	LDA dp	LDA dp,X	CMP dp	CMP dp,X	SBC dp	SBC dp,X
6	<b>STX dp</b>	<b>STX dp,Y</b>	<b>LDX dp</b>	<b>LDX dp,Y</b>	<b>DEC dp</b>	<b>DEC dp,X</b>	<b>INC dp</b>	<b>INC dp,X</b>
7	<b>SMB0 dp</b>	<b>SMB1 dp</b>	<b>SMB2 dp</b>	<b>SMB3 dp</b>	<b>SMB4 dp</b>	<b>SMB5 dp</b>	<b>SMB6 dp</b>	<b>SMB7 dp</b>
8	DEY	TYA	TAY	CLV	INY	CLD	INX	SED
9	<b>BIT #imm</b>	<b>STA abs,Y</b>	LDA #imm	<b>LDA abs,Y</b>	CMP #imm	<b>CMP abs,Y</b>	SBC #imm	<b>SBC abs,Y</b>
A	TXA	TXS	TAX	TSX	DEX	<b>PHX</b>	NOP	<b>PLX</b>
B	<b>OAY</b>	<b>OAX</b>	<b>SIZ</b>	<b>IND</b>	<b>WAI</b>	<b>STP</b>		
C	<b>STY abs</b>	<b>STZ abs</b>	LDY abs	LDY abs,X	CPY abs	<b>BSR rel16</b>	CPX abs	<b>PHW abs</b>
D	STA abs	STA abs,X	LDA abs	LDA abs,X	CMP abs	CMP abs,X	SBC abs	SBC abs,X
E	STX abs	<b>STZ abs,X</b>	LDX abs	LDX abs,Y	DEC abs	DEC abs,X	INC abs	INC abs,X
F	<b>BBS0 dp,rel</b>	<b>BBS1 dp,rel</b>	<b>BBS2 dp,rel</b>	<b>BBS3 do,rel</b>	<b>BBS4 dp,rel</b>	<b>BBS5 dp,rel</b>	<b>BBS6 dp,rel</b>	<b>BBS7 dp,rel</b>