

	x0	x1	x2	x3	x4	x5	x6	x7	x8	x9	xA	xB	xC	xD	xE	xF
0x	Implied BRK	IndirectX ORA (\$44,X)				ZeroPage ORA \$44	ZeroPage ASL \$44		Implied PHP	Immediate ORA #\$44	Accumulator ASL A			Absolute ORA \$4400	Absolute ASL \$4400	
1x	Relative BPL \$1234	IndirectY ORA (\$44),Y				ZeroPageX ORA \$44,X	ZeroPageX ASL \$44,X		Implied CLC	AbsoluteY ORA \$4400,Y				AbsoluteX ORA \$4400,X	AbsoluteX ASL \$4400,X	
2x	Absolute JSR \$4400	IndirectX AND (\$44,X)			ZeroPage BIT \$44	ZeroPage AND \$44	ZeroPage ROL \$44		Implied PLP	Immediate AND #\$44	Accumulator ROL A		Absolute BIT \$4400	Absolute AND \$4400	Absolute ROL \$4400	
3x	Relative BMI \$1234	IndirectY AND (\$44),Y				ZeroPageX AND \$44,X	ZeroPageX ROL \$44,X		Implied SEC	AbsoluteY AND \$4400,Y				AbsoluteX AND \$4400,X	AbsoluteX ROL \$4400,X	
4x	Implied RTI	IndirectX EOR (\$44,X)				ZeroPage EOR \$44	ZeroPage LSR \$44		Implied PHA	Immediate EOR #\$44	Accumulator LSR A		Absolute JMP \$4400	Absolute EOR \$4400	Absolute LSR \$4400	
5x	Relative BVC \$1234	IndirectY EOR (\$44),Y				ZeroPageX EOR \$44,X	ZeroPageX LSR \$44,X		Implied CLI	AbsoluteY EOR \$4400,Y				AbsoluteX EOR \$4400,X	AbsoluteX LSR \$4400,X	
6x	Implied RTS	IndirectX ADC (\$44,X)				ZeroPage ADC \$44	ZeroPage ROR \$44		Implied PLA	Immediate ADC #\$44	Accumulator ROR A		Indirect JMP (\$4400)	Absolute ADC \$4400	Absolute ROR \$4400	
7x	Relative BVS \$1234	IndirectY ADC (\$44),Y				ZeroPageX ADC \$44,X	ZeroPageX ROR \$44,X		Implied SEI	AbsoluteY ADC \$4400,Y				AbsoluteX ADC \$4400,X	AbsoluteX ROR \$4400,X	
8x		IndirectX STA (\$44,X)			ZeroPage STY \$44	ZeroPage STA \$44	ZeroPage STX \$44		Implied DEY		Implied TXA		Absolute STY \$4400	Absolute STA \$4400	Absolute STX \$4400	
9x	Relative BCC \$1234	IndirectY STA (\$44),Y			ZeroPageX STY \$44,X	ZeroPageX STA \$44,X	ZeroPageY STX \$44,Y		Implied TYA	AbsoluteY STA \$4400,Y	Implied TXS			AbsoluteX STA \$4400,X		
Ax	Immediate LDY #\$44	IndirectX LDA (\$44,X)	Immediate LDX #\$44		ZeroPage LDY \$44	ZeroPage LDA \$44	ZeroPage LDX \$44		Implied TAY	Immediate LDA #\$44	Implied TAX		Absolute LDY \$4400	Absolute LDA \$4400	Absolute LDX \$4400	
Bx	Relative BCS \$1234	IndirectY LDA (\$44),Y			ZeroPageX LDY \$44,X	ZeroPageX LDA \$44,X	ZeroPageY LDX \$44,Y		Implied CLV	AbsoluteY LDA \$4400,Y	Implied TSX		AbsoluteX LDY \$4400,X	AbsoluteX LDA \$4400,X	AbsoluteY LDX \$4400,Y	
Cx	Immediate CPY #\$44	IndirectX CMP (\$44,X)			ZeroPage CPY \$44	ZeroPage CMP \$44	ZeroPage DEC \$44		Implied INY	Immediate CMP #\$44	Implied DEX		Absolute CPY \$4400	Absolute CMP \$4400	Absolute DEC \$4400	
Dx	Relative BNE \$1234	IndirectY CMP (\$44),Y				ZeroPageX CMP \$44,X	ZeroPageX DEC \$44,X		Implied CLD	AbsoluteY CMP \$4400,Y				AbsoluteX CMP \$4400,X	AbsoluteX DEC \$4400,X	
Ex	Immediate CPX #\$44	IndirectX SBC (\$44,X)			ZeroPage CPX \$44	ZeroPage SBC \$44	ZeroPage INC \$44		Implied INX	Immediate SBC #\$44	Implied NOP		Absolute CPX \$4400	Absolute SBC \$4400	Absolute INC \$4400	
Fx	Relative BEQ \$1234	IndirectY SBC (\$44),Y				ZeroPageX SBC \$44,X	ZeroPageX INC \$44,X		Implied SED	AbsoluteY SBC \$4400,Y				AbsoluteX SBC \$4400,X	AbsoluteX INC \$4400,X	