



OP	Bedeutung	65C02	65C816
ADC	Add With Carry [Flags affected: n,v,z,c]		
AND	AND Accumulator With Memory [Flags affected: n,z]		
ASL	Accumulator or Memory Shift Left [Flags affected: n,z,c]		
BCC	Branch if Carry Clear [Flags affected: none][Alias: BLT]		
BCS	Branch if Carry Set [Flags affected: none][Alias: BGE]		
BEQ	Branch if Equal [Flags affected: none]		
BGE	Branch Greater or Equal [Flags affected: none][Alias for BCS]		
BIT	Test Bits [Flags affected: z (immediate mode) n,v,z (non-immediate modes)]		
BLT	Branch Less Than [Flags affected: none][Alias for BCC]		
BMI	Branch if Minus [Flags affected: none]		
BNE	Branch if Not Equal [Flags affected: none]		
BPL	Branch if Plus [Flags affected: none]		
BRA	Branch Always [Flags affected: none]		
BRK	Break [Flags affected: b,i -6502 b,d,i (65C02/65816 Emulation) d,i (65816 Native)]		
BRL	Branch Long Always [Flags affected: none]	65C816	
BVC	Branch if Overflow Clear [Flags affected: none]		
BVS	Branch if Overflow Set [Flags affected: none]		
CLC	Clear Carry [Flags affected: c]		
CLD	Clear Decimal Mode Flag [Flags affected: d]		
CLI	Clear Interrupt Disable Flag [Flags affected: i]		
CLV	Clear Overflow Flag [Flags affected: v]		
CMP	Compare Accumulator With Memory [Flags affected: n,z,c]		
COP	Co-Processor Enable [Flags affected: d,i]	65C816	
CPX	Compare Index Register X with Memory [Flags affected: n,z,c]		
CPY	Compare Index Register Y with Memory [Flags affected: n,z,c]		
DEC	Decrement [Flags affected: n,z]		
DEX	Decrement Index Register X [Flags affected: n,z]		
DEY	Decrement Index Register Y [Flags affected: n,z]		
EOR	Exclusive-OR Accumulator with Memory [Flags affected: n,z]		
INC	Increment [Flags affected: n,z]		
INX	Increment Index Register X [Flags affected: n,z]		
INY	Increment Index Register Y [Flags affected: n,z]		
JML	Jump Long [Flags affected: none]	65C816	
JMP	Jump [Flags affected: none][Alias: JML for all Long addressing modes]		
JSR	Jump to Subroutine [Flags affected: none][Alias: JSL for Absolute Long]		
JSR	Jump to Subroutine Absolute Long [Flags affected: none]	65C816	
LDA	Load Accumulator from Memory [Flags affected: n,z]		
LDX	Load Index Register X from Memory [Flags affected: n,z]		
LDY	Load Index Register Y from Memory [Flags affected: n,z]		
LSR	Logical Shift Memory or Accumulator Right [Flags affected: n,z,c]		
MVN	Block Move Negative [Flags affected: none][Registers: X,Y,C]	65C816	
MVP	Block Move Positive [Flags affected: none][Registers: X,Y,C]	65C816	
NOP	No Operation [Flags affected: none]		
ORA	OR Accumulator with Memory [Flags affected: n,z]		
PEA	Push Effective Absolute Address [Flags affected: none]	65C816	
PEI	Push Effective Indirect Address [Flags affected: none]	65C816	
PER	Push Effective PC Relative Indirect Address [Flags affected: none]	65C816	
PHA	Push Accumulator [Flags affected: none]		
PHB	Push Data Bank Register [Flags affected: none]		
PHD	Push Direct Page Register [Flags affected: none]		
PHK	Push Program Bank Register [Flags affected: none]		
PHP	Push Processor Status Register [Flags affected: none]		
PHX	Push Index Register X [Flags affected: none]		
PHY	Push Index Register Y [Flags affected: none]		
PLA	Pull Accumulator [Flags affected: n,z]		
PLB	Pull Data Bank Register [Flags affected: n,z]		
PLD	Pull Direct Page Register [Flags affected: n,z]		
PLP	Pull Processor Status Register [Flags affected: n,z]		
PLX	Pull Index Register X [Flags affected: n,z]		
PLY	Pull Index Register Y [Flags affected: n,z]		
REP	Reset Processor Status Bits [Flags affected: all except b per operand]	65C816	
ROL	Rotate Memory or Accumulator Left [Flags affected: n,z,c]		
ROR	Rotate Memory or Accumulator Right [Flags affected: n,z,c]		
RTI	Return from Interrupt [Flags affected: all except b]		
RTL	Return from Subroutine Long [Flags affected: none]	65C816	
RTS	Return from Subroutine [Flags affected: none]		
SBC	Subtract with Borrow from Accumulator [Flags affected: n,v,z,c]		
SEC	Set Carry Flag [Flags affected: c]		
SED	Set Decimal Flag [Flags affected: d]		
SEI	Set Interrupt Disable Flag [Flags affected: i]		
SEP	Set Processor Status Bits [Flags affected: all except b per operand]	65C816	
STA	Store Accumulator to Memory [Flags affected: none]		
STP	Stop Processor [Flags affected: none]	65C02	65C816
STX	Store Index Register X to Memory [Flags affected: none]		
STY	Store Index Register Y to Memory [Flags affected: none]		
STZ	Store Zero to Memory [Flags affected: none]		
TAX	Transfer Accumulator to Index Register X [Flags affected: n,z]		
TAY	Transfer Accumulator to Index Register Y [Flags affected: n,z]		
TCD	Transfer 16-bit Accumulator to Direct Page Register [Flags affected: n,z]	65C816	
TCS	Transfer 16-bit Accumulator to Stack Pointer [Flags affected: none]	65C816	
TDC	Transfer Direct Page Register to 16-bit Accumulator [Flags affected: n,z]	65C816	
TRB	Test and Reset Memory Bits Against Accumulator [Flags affected: z]		
TSB	Test and Set Memory Bits Against Accumulator [Flags affected: z]		
TSC	Transfer Stack Pointer to 16-bit Accumulator [Flags affected: n,z]	65C816	
TSX	Transfer Stack Pointer to Index Register X [Flags affected: n,z]		
TXA	Transfer Index Register X to Accumulator [Flags affected: n,z]		
TXS	Transfer Index Register X to Stack Pointer [Flags affected: none]		
TXY	Transfer Index Register X to Index Register Y [Flags affected: n,z]		
TYA	Transfer Index Register Y to Accumulator [Flags affected: n,z]		
TYX	Transfer Index Register Y to Index Register X [Flags affected: n,z]		
WAI	Wait for Interrupt [Flags affected: none]	65C02	65C816
WDM	Reserved for Future Expansion [Flags affected: none (subject to change)]		65C816
XBA	Exchange B and A 8-bit Accumulators [Flags affected: n,z]		66C816
XCE	Exchange Carry and Emulation Flags [Flags affected: m,b/x,c,e]		67C816

Offene Version			Basis
Winbond/Nuvoton	W55V96	Game/TV Controller	65C816
Winbond/Nuvoton	W55U02	USB Controller	6502?
Sunplus Technology	8502	Controller im Taschenrechner	HP35S





