

Burroughs Corporation

ELECTRODATA DIVISION

BURROUGHS 205

A Summary of Operations in Alphabetic Order

Instruction Format	OPERATION	
± 1234 56 7890	ABR	NAME
± 000p 74 aaaa	AD	ADD
± 000p 76 aaaa	ADA	ADD ABSOLUTE
± 000p 16 0000	ADSC	ADD SPECIAL COUNTER
± 000p 24 aaaa	BF4	BLOCK FROM LOOP 4
± 000p 25 aaaa	BF5	BLOCK FROM LOOP 5
± 000p 26 aaaa	BF6	BLOCK FROM LOOP 6
± 000p 27 aaaa	BF7	BLOCK FROM LOOP 7
± 000p 34 aaaa	BT4	BLOCK TO LOOP 4
± 000p 35 aaaa	BT5	BLOCK TO LOOP 5
± 000p 36 aaaa	BT6	BLOCK TO LOOP 6
± 000p 37 aaaa	BT7	BLOCK TO LOOP 7
± 000p 11 0000	BA	B TO A
± 00up 44 aaaa	CDR	CARD READ (Cardatron)
± nnnp 44 aaaa	CDR	CARD READ (500 Converter)
± 0fup 48 aaaa	CDRF	CARD READ FORMAT
± 00up 45 aaaa	CDRI	CARD READ, INTERROGATE
± tfup 54 aaaa	CDW	CARD WRITE (Cardatron)
± nnnp 54 aaaa	CDW	CARD WRITE (500 Converter)
± 0fup 58 aaaa	CDWF	CARD WRITE FORMAT
± 00up 55 aaaa	CDWI	CARD WRITE, INTERROGATE
± 000p 28 aaaa	CC	CHANGE CONDITIONALLY
± 000p 38 aaaa	CCB	CHANGE CONDITIONALLY, BLOCK
± 000p 39 aaaa	CCBR	CHANGE CONDITIONALLY, BLOCK, RECORD
± 000p 29 aaaa	CCR	CHANGE CONDITIONALLY, RECORD
± 000p 04 aaaa	CNZ	CHANGE ON NON-ZERO
± 000p 20 aaaa	CU	CHANGE UNCONDITIONALLY
± 000p 30 aaaa	CUB	CHANGE UNCONDITIONALLY, BLOCK
± 000p 31 aaaa	CUBR	CHANGE UNCONDITIONALLY, BLOCK, RECORD
± 000p 21 aaaa	CUR	CHANGE UNCONDITIONALLY, RECORD
± 000p 01 00nn	CIRA	CIRCULATE A
± 000p 64 aaaa	CAD	CLEAR, ADD
± 000p 66 aaaa	CADA	CLEAR, ADD ABSOLUTE
± 000p 33 0000	CR	CLEAR R
± 000p 65 aaaa	CSU	CLEAR, SUBTRACT
± 000p 67 aaaa	CSUA	CLEAR, SUBTRACT ABSOLUTE
± 000p 22 aaaa	DB	DECREASE B
± 000p 10 0000	DAD	DIGIT ADD
± 000p 61 aaaa	DIV	DIVIDE
± 000p 71 aaaa	EXC	EXTERNAL CONTROL
± 000p 63 aaaa	EX	EXTRACT
± 000p 80 aaaa	FAD	FLOATING ADD
± 000p 90 aaaa	FAA	FLOATING ADD ABSOLUTE
± 000p 83 aaaa	FDIV	FLOATING DIVIDE
± 000p 93 aaaa	FDA	FLOATING DIVIDE ABSOLUTE
± 000p 82 aaaa	FM	FLOATING MULTIPLY
± 000p 92 aaaa	FMA	FLOATING MULTIPLY ABSOLUTE
± 000p 81 aaaa	FSU	FLOATING SUBTRACT
± 000p 91 aaaa	FSA	FLOATING SUBTRACT ABSOLUTE
± 000p 32 0000	IB	INCREASE B
± nnup 40 aaaa	MTR	MAGNETIC-TAPE READ
± 00up 52 0000	MTRW	MAGNETIC-TAPE REWIND
± hhup 42 aaaa	MTS	MAGNETIC-TAPE SEARCH
± nnup 50 aaaa	MTW	MAGNETIC-TAPE WRITE
± 000p 60 aaaa	M	MULTIPLY
± 000p 70 aaaa	MRO	MULTIPLY, ROUND
± 000p 15 aaaa	NOR	NORMALIZE
± 000p 73 aaaa	OSGD	OVERFLOW ON SIGN DIFFERENCE
± 000p 00 aaaa	PTR	PAPER-TAPE READ
± 000p 03 ffnn	PTW	PAPER-TAPE WRITE
± 000p 07 0f00	PTWF	PAPER-TAPE WRITE FORMAT
± 000p 23 0000	RO	ROUND
± 000p 72 aaaa	SB	SET B
± 000p 14 00nn	SL	SHIFT LEFT
± 000p 13 00nn	SR	SHIFT RIGHT
± 000p 08 0000	STOP	STOP
± 000p 12 aaaa	ST	STORE
± 000p 02 aaaa	STC	STORE, CLEAR
± 000p 75 aaaa	SU	SUBTRACT
± 000p 77 aaaa	SUA	SUBTRACT ABSOLUTE
± 000p 17 0000	SUSC	SUBTRACT SPECIAL COUNTER
± 000p 06 0000	UA	UNIT ADJUST

Burroughs Corporation

ELECTRO A DIVISION

BURROUGHS 205

A Summary of Operations in Operation-Code Order

Instruction Format				OPERATION	
±	1234	56	7890	ABR	NAME
±	000p	00	aaaa	PTR	PAPER-TAPE READ
±	000p	01	00nn	CIRA	CIRCULATE A
±	000p	02	aaaa	STC	STORE, CLEAR
±	000p	03	ffnn	PTW	PAPER-TAPE WRITE
±	000p	04	aaaa	CNZ	CHANGE ON NON-ZERO
±	000p	06	0000	UA	UNIT ADJUST
±	000p	07	0f00	PTWF	PAPER-TAPE WRITE FORMAT
±	000p	08	0000	STOP	STOP
±	000p	10	0000	DAD	DIGIT ADD
±	000p	11	0000	BA	B TO A
±	000p	12	aaaa	ST	STORE
±	000p	13	00nn	SR	SHIFT RIGHT
±	000p	14	00nn	SL	SHIFT LEFT
±	000p	15	aaaa	NOR	NORMALIZE
±	000p	16	0000	ADSC	ADD SPECIAL COUNTER
±	000p	17	0000	SUSC	SUBTRACT SPECIAL COUNTER
±	000p	20	aaaa	CU	CHANGE UNCONDITIONALLY
±	000p	21	aaaa	CUR	CHANGE UNCONDITIONALLY, RECORD
±	000p	22	aaaa	DB	DECREASE B
±	000p	23	0000	RO	ROUND
±	000p	24	aaaa	BF4	BLOCK FROM LOOP 4
±	000p	25	aaaa	BF5	BLOCK FROM LOOP 5
±	000p	26	aaaa	BF6	BLOCK FROM LOOP 6
±	000p	27	aaaa	BF7	BLOCK FROM LOOP 7
±	000p	28	aaaa	CC	CHANGE CONDITIONALLY
±	000p	29	aaaa	CCR	CHANGE CONDITIONALLY, RECORD
±	000p	30	aaaa	CUB	CHANGE UNCONDITIONALLY, BLOCK
±	000p	31	aaaa	CUBR	CHANGE UNCONDITIONALLY, BLOCK, RECORD
±	000p	32	0000	IB	INCREASE B
±	000p	33	0000	CR	CLEAR R
±	000p	34	aaaa	BT4	BLOCK TO LOOP 4
±	000p	35	aaaa	BT5	BLOCK TO LOOP 5
±	000p	36	aaaa	BT6	BLOCK TO LOOP 6
±	000p	37	aaaa	BT7	BLOCK TO LOOP 7
±	000p	38	aaaa	CCB	CHANGE CONDITIONALLY, BLOCK
±	000p	39	aaaa	CCBR	CHANGE CONDITIONALLY, BLOCK, RECORD
±	nnup	40	aaaa	MTR	MAGNETIC-TAPE READ
±	hhup	42	aaaa	MTS	MAGNETIC-TAPE SEARCH
±	00up	44	aaaa	CDR	CARD READ (Cardatron)
±	nnnp	44	aaaa	CDR	CARD READ (500 Converter)
±	00up	45	aaaa	CDRI	CARD READ INTERROGATE
±	0fup	48	aaaa	CDRF	CARD READ FORMAT
±	nnup	50	aaaa	MTW	MAGNETIC-TAPE WRITE
±	00up	52	0000	MTRW	MAGNETIC-TAPE REWIND
±	tfup	54	aaaa	CDW	CARD WRITE (Cardatron)
±	nnnp	54	aaaa	CDW	CARD WRITE (500 Converter)
±	00up	55	aaaa	CDWI	CARD WRITE INTERROGATE
±	0fup	58	aaaa	CDWF	CARD WRITE FORMAT
±	000p	60	aaaa	M	MULTIPLY
±	000p	61	aaaa	DIV	DIVIDE
±	000p	63	aaaa	EX	EXTRACT
±	000p	64	aaaa	CAD	CLEAR, ADD
±	000p	65	aaaa	CSU	CLEAR, SUBTRACT
±	000p	66	aaaa	CADA	CLEAR, ADD ABSOLUTE
±	000p	67	aaaa	CSUA	CLEAR, SUBTRACT ABSOLUTE
±	000p	70	aaaa	MRO	MULTIPLY, ROUND
±	000p	71	aaaa	EXC	EXTERNAL CONTROL
±	000p	72	aaaa	SB	SET B
±	000p	73	aaaa	OSGD	OVERFLOW ON SIGN DIFFERENCE
±	000p	74	aaaa	AD	ADD
±	000p	75	aaaa	SU	SUBTRACT
±	000p	76	aaaa	ADA	ADD ABSOLUTE
±	000p	77	aaaa	SUA	SUBTRACT ABSOLUTE
±	000p	80	aaaa	FAD	FLOATING ADD
±	000p	81	aaaa	FSU	FLOATING SUBTRACT
±	000p	82	aaaa	FM	FLOATING MULTIPLY
±	000p	83	aaaa	FDIV	FLOATING DIVIDE
±	000p	90	aaaa	FAA	FLOATING ADD ABSOLUTE
±	000p	91	aaaa	FSA	FLOATING SUBTRACT ABSOLUTE
±	000p	92	aaaa	FMA	FLOATING MULTIPLY ABSOLUTE
±	000p	93	aaaa	FDA	FLOATING DIVIDE ABSOLUTE