

Rabbit 2000 Opcode map

Main

LSB MSB\	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	NOP	LD BC,mn	LD (BC),A	INC BC	INC B	DEC B	LD B,n	RLCA	EX AF,AF'	ADD HL,BC	LD A,(BC)	DEC BC	INC C	DEC C	LD C,n	RRCA
1	DJNZ e	LD DE,mn	LD (DE),A	INC DE	INC D	DEC D	LD D,n	RLA	JR e	ADD HL,DE	LD A,(DE)	DEC DE	INC E	DEC E	LD E,n	RRA
2	JR NZ,e	LD HL,mn	LD (mn),HL	INC HL	INC H	DEC H	LD H,n	ADD SP,d	JR Z,e	ADD HL,HL	LD HL,(mn)	DEC HL	INC L	DEC L	LD L,n	CPL
3	JR NC,e	LD SP,mn	LD (mn),A	INC SP	INC (HL)	DEC (HL)	LD (HL),n	SCF	JR C,e	ADD HL,SP	LD A,(mn)	DEC SP	INC A	DEC A	LD A,n	CCF
4	LD B,B	LD B,C	LD B,D	LD B,E	LD B,H	LD B,L	LD B,(HL)	LD B,A	LD C,B	LD C,C	LD C,D	LD C,E	LD C,H	LD C,L	LD C,(HL)	LD C,A
5	LD D,B	LD D,C	LD D,D	LD D,E	LD D,H	LD D,L	LD D,(HL)	LD D,A	LD E,B	LD E,C	LD E,D	LD E,E	LD E,H	LD E,L	LD E,(HL)	LD E,A
6	LD H,B	LD H,C	LD H,D	LD H,E	LD H,H	LD H,L	LD H,(HL)	LD H,A	LD L,B	LD L,C	LD L,D	LD L,E	LD L,H	LD L,L	LD L,(HL)	LD L,A
7	LD (HL),B	LD (HL),C	LD (HL),D	LD (HL),E	LD (HL),H	LD (HL),L	ALTD	LD (HL),A	LD A,B	LD A,C	LD A,D	LD A,E	LD A,H	LD A,L	LD A,(HL)	LD A,A
8	ADD A,B	ADD A,C	ADD A,D	ADD A,E	ADD A,H	ADD A,L	ADD A,(HL)	ADD A,A	ADC A,B	ADC A,C	ADC A,D	ADC A,E	ADC A,H	ADC A,L	ADC A,(HL)	ADC A,A
9	SUB B	SUB C	SUB D	SUB E	SUB H	SUB L	SUB (HL)	SUB A	SBC A,B	SBC A,C	SBC A,D	SBC A,E	SBC A,H	SBC A,L	SBC A,(HL)	SBC A,A
A	AND B	AND C	AND D	AND E	AND H	AND L	AND (HL)	AND A	XOR B	XOR C	XOR D	XOR E	XOR H	XOR L	XOR (HL)	XOR A
B	OR B	OR C	OR D	OR E	OR H	OR L	OR (HL)	OR A	CP B	CP C	CP D	CP E	CP H	CP L	CP (HL)	CP A
C	RET NZ	POP BC	JP NZ,mn	JP mn	LD HL,(SP+n)	PUSH BC	ADD A,n	LJP cbr,mn	RET Z	RET	JP Z,mn	esc	BOOL HL	CALL mn	ADC A,n	LCALL cbr,mn
D	RET NC	POP DE	JP NC,mn	IOI	LD (SP+n),H	PUSH DE	SUB n	RST 10	RET C	EXX	JP C,mn	IOE	AND HL,DE	esc	SBC A,n	RST 18
E	RET PO	POP HL	JP PO,mn	EX DE',HL	LD HL,(IX+d)	PUSH HL	AND n	RST 20	RET PE	JP (HL)	JP PE,mn	EX DE,HL	OR HL,DE	esc	XOR n	RST 28
F	RET P	POP AF	JP P,mn	RL DE	LD (IX+d),HL	PUSH AF	OR n	MUL	RET M	LD SP,HL	JP M,mn	RR DE	RR HL	esc	CP n	RST 38

Rabbit 2000 Opcode map

DD

LSB MSB\	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0										ADD IX,BC						
1										ADD IX,DE						
2		LD IX,mn	LD (mn),IX	INC IX						ADD IX,IX	LD IX,(mn)	DEC IX				
3					INC (IX+d)	DEC (IX+d)	LD (IX+d),n			ADD IX,SP						
4							LD B,(IX+d)								LD C,(IX+d)	
5							LD D,(IX+d)								LD E,(IX+d)	
6					LDP (IX),HL	LDP (mn),IX	LD H,(IX+d)						LDP HL,(IX)	LDP IX,(mn)	LD L,(IX+d)	
7	LD (IX+d),B	LD (IX+d),C	LD (IX+d),D	LD (IX+d),E	LD (IX+d),H	LD (IX+d),L		LD (IX+d),A					LD HL,IX	LD IX,HL	LD A,(IX+d)	
8							ADD A,(IX+d)								ADC A,(IX+d)	
9							SUB (IX+d)								SBC A,(IX+d)	
A							AND (IX+d)								XOR (IX+d)	
B							OR (IX+d)								CP (IX+d)	
C					LD IX, (SP+n)							esc	BOOL IX			
D					LD (SP+n),IX								AND IX,DE			
E		POP IX		EX (SP),IX	LD HL, (HL+d)	PUSH IX				JP (IX)			OR IX,DE			
F					LD (HL+d),H					LD SP,IX			RR IX			

Rabbit 2000 Opcode map

FD

LSB MSB\	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0										ADD IY,BC						
1										ADD IY,DE						
2		LD IY,mn	LD (mn),IY	INC IY						ADD IY,IY	LD IY,(mn)	DEC IY				
3					INC (IY+d)	DEC (IY+d)	LD (IY+d),n			ADD IX,SP						
4							LD B,(IY+d)								LD C,(IY+d)	
5							LD D,(IY+d)								LD E,(IY+d)	
6					LDP (IY),HL	LDP (mn),IY	LD H,(IY+d)						LDP HL,(IY)	LDP IY,(mn)	LD L,(IY+d)	
7	LD (IY+d),B	LD (IY+d),C	LD (IY+d),D	LD (IY+d),E	LD (IY+d),H	LD (IY+d),L		LD (IY+d),A					LD HL,IY	LD IY,HL	LD A,(IY+d)	
8							ADD A,(IY+d)								ADC A,(IY+d)	
9							SUB (IY+d)								SBC A,(IY+d)	
A							AND (IY+d)								XOR (IY+d)	
B							OR (IY+d)								CP (IY+d)	
C					LD IY, (SP+n)							esc	BOOL IY			
D					LD (SP+n),IY								AND IY,DE			
E		POP IY		EX (SP),IY	LD HL, (IY+d)	PUSH IY				JP (IY)			OR IY,DE			
F					LD (IY+d),HL					LD SP,IY			RR IY			

Rabbit 2000 Opcode map

CB

LSB MSB\	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	RLC B	RLC C	RLC D	RLC E	RLC H	RLC L	RLC (HL)	RLC A	RRC B	RRC C	RRC D	RRC E	RRC H	RRC L	RRC (HL)	RRC A
1	RL B	RL C	RL D	RL E	RL H	RL L	RL (HL)	RL A	RR B	RR C	RR D	RR E	RR H	RR L	RR (HL)	RR A
2	SLA B	SLA C	SLA D	SLA E	SLA H	SLA L	SLA (HL)	SLA A	SRA B	SRA C	SRA D	SRA E	SRA H	SRA L	SRA (HL)	SRA A
3									SRL B	SRL C	SRL D	SRL E	SRL H	SRL L	SRL (HL)	SRL A
4	BIT 0,B	BIT 0,C	BIT 0,D	BIT 0,E	BIT 0,H	BIT 0,L	BIT 0,(HL)	BIT 0,A	BIT 1,B	BIT 1,C	BIT 1,D	BIT 1,E	BIT 1,H	BIT 1,L	BIT 1,(HL)	BIT 1,A
5	BIT 2,B	BIT 2,C	BIT 2,D	BIT 2,E	BIT 2,H	BIT 2,L	BIT 2,(HL)	BIT 2,A	BIT 3,B	BIT 3,C	BIT 3,D	BIT 3,E	BIT 3,H	BIT 3,L	BIT 3,(HL)	BIT 3,A
6	BIT 4,B	BIT 4,C	BIT 4,D	BIT 4,E	BIT 4,H	BIT 4,L	BIT 4,(HL)	BIT 4,A	BIT 5,B	BIT 5,C	BIT 5,D	BIT 5,E	BIT 5,H	BIT 5,L	BIT 5,(HL)	BIT 5,A
7	BIT 6,B	BIT 6,C	BIT 6,D	BIT 6,E	BIT 6,H	BIT 6,L	BIT 6,(HL)	BIT 6,A	BIT 7,B	BIT 7,C	BIT 7,D	BIT 7,E	BIT 7,H	BIT 7,L	BIT 7,(HL)	BIT 7,A
8	RES 0,B	RES 0,C	RES 0,D	RES 0,E	RES 0,H	RES 0,L	RES 0,(HL)	RES 0,A	RES 1,B	RES 1,C	RES 1,D	RES 1,E	RES 1,H	RES 1,L	RES 1,(HL)	RES 1,A
9	RES 2,B	RES 2,C	RES 2,D	RES 2,E	RES 2,H	RES 2,L	RES 2,(HL)	RES 2,A	RES 3,B	RES 3,C	RES 3,D	RES 3,E	RES 3,H	RES 3,L	RES 3,(HL)	RES 3,A
A	RES 4,B	RES 4,C	RES 4,D	RES 4,E	RES 4,H	RES 4,L	RES 4,(HL)	RES 4,A	RES 5,B	RES 5,C	RES 5,D	RES 5,E	RES 5,H	RES 5,L	RES 5,(HL)	RES 5,A
B	RES 6,B	RES 6,C	RES 6,D	RES 6,E	RES 6,H	RES 6,L	RES 6,(HL)	RES 6,A	RES 7,B	RES 7,C	RES 7,D	RES 7,E	RES 7,H	RES 7,L	RES 7,(HL)	RES 7,A
C	SET 0,B	SET 0,C	SET 0,D	SET 0,E	SET 0,H	SET 0,L	SET 0,(HL)	SET 0,A	SET 1,B	SET 1,C	SET 1,D	SET 1,E	SET 1,H	SET 1,L	SET 1,(HL)	SET 1,A
D	SET 2,B	SET 2,C	SET 2,D	SET 2,E	SET 2,H	SET 2,L	SET 2,(HL)	SET 2,A	SET 3,B	SET 3,C	SET 3,D	SET 3,E	SET 3,H	SET 3,L	SET 3,(HL)	SET 3,A
E	SET 4,B	SET 4,C	SET 4,D	SET 4,E	SET 4,H	SET 4,L	SET 4,(HL)	SET 4,A	SET 5,B	SET 5,C	SET 5,D	SET 5,E	SET 5,H	SET 5,L	SET 5,(HL)	SET 5,A
F	SET 6,B	SET 6,C	SET 6,D	SET 6,E	SET 6,H	SET 6,L	SET 6,(HL)	SET 6,A	SET 7,B	SET 7,C	SET 7,D	SET 7,E	SET 7,H	SET 7,L	SET 7,(HL)	SET 7,A

Rabbit 2000 Opcode map

DD-CB

LSB MSB\	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0							RLC (IX+d)								RRC (IX+d)	
1							RL (IX+d)								RR (IX+d)	
2							SLA (IX+d)								SRA (IX+d)	
3															SRL (IX+d)	
4							BIT 0,(IX+d)								BIT 1,(IX+d)	
5							BIT 2,(IX+d)								BIT 3,(IX+d)	
6							BIT 4,(IX+d)								BIT 5,(IX+d)	
7							BIT 6,(IX+d)								BIT 7,(IX+d)	
8							RES 0,(IX+d)								RES 1,(IX+d)	
9							RES 2,(IX+d)								RES 3,(IX+d)	
A							RES 4,(IX+d)								RES 5,(IX+d)	
B							RES 6,(IX+d)								RES 7,(IX+d)	
C							SET 0,(IX+d)								SET 1,(IX+d)	
D							SET 2,(IX+d)								SET 3,(IX+d)	
E							SET 4,(IX+d)								SET 5,(IX+d)	
F							SET 6,(IX+d)								SET 7,(IX+d)	

Rabbit 2000 Opcode map

FD-CB

LSB MSB\	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0							RLC (IY+d)								RRC (IY+d)	
1							RL (IY+d)								RR (IY+d)	
2							SLA (IY+d)								SRA (IY+d)	
3															SRL (IY+d)	
4							BIT 0,(IY+d)								BIT 1,(IY+d)	
5							BIT 2,(IY+d)								BIT 3,(IY+d)	
6							BIT 4,(IY+d)								BIT 5,(IY+d)	
7							BIT 6,(IY+d)								BIT 7,(IY+d)	
8							RES 0,(IY+d)								RES 1,(IY+d)	
9							RES 2,(IY+d)								RES 3,(IY+d)	
A							RES 4,(IY+d)								RES 5,(IY+d)	
B							RES 6,(IY+d)								RES 7,(IY+d)	
C							SET 0,(IY+d)								SET 1,(IY+d)	
D							SET 2,(IY+d)								SET 3,(IY+d)	
E							SET 4,(IY+d)								SET 5,(IY+d)	
F							SET 6,(IY+d)								SET 7,(IY+d)	