Instruction ADC A,(HL)	Opcodes 8E				BIT 7,(HL)		Bytes Tloks 2 12	? <>b	?	LD (IX+d),A DD 77 d	Bytes Tloks Sign Affect Bit Zero 3 19	LD IX,(addr)	D 2A drad 4		RES 5,(HL)	Opcodes See CB AE 2		Instruction SET 2,(HL)		lytes Ticks Sign Affect Affect Bit Zero Parits	Attect Carry
ADC A,(IX+d) ADC A,(IY+d) ADC A,A	DD 8E d FD 8E d 8F	3 1		z v c z v c z v c		CB FD 7E d CB FF 7F		? Ob ? Ob	?	LD (IX+d),B DD 70 d LD (IX+d),C DD 71 d LD (IX+d),D DD 72 d	3 19 3 19 3 19 3 19 3 19 3 19 3 19 3 19		DD 21 lohi 4 D 2A drad 4 FD 21 lohi 4	20	RES 5,(IX+d) RES 5,(IY+d)	DD CB d AE 4 FD CB d AE 4 CB AF 2			DD CB 4 D6 FD CB 4 D6 CB D7	4 23 4 23 2 8	
ADC A,B ADC A,C	88	1 4	7	z v c	BIT 7,B BIT 7,C		2 8	? <>b	?	LD (IX+d),E DD 73 d LD (IX+d),H DD 71 d	3 19 3 19	LD L,(HL) LD L,(IX+d)	DD 6E d 3		RES 5,B RES 5,C	CB A8 2 CB A9 2		SET 2,B SET 2,C	000.	2 8 2 8	Ε
ADC A,D ADC A,E ADC A,H	8A 8B 8C	1 4	7	z v c	BIT 7,D BIT 7,E BIT 7,H		2 8 2 8 2 8	? <>b	?	LD (IX+d),L DD 75 d LD (IX+d),n DD 36 d n LD (IY+d),A FD 77 d	3 19 4 19 3 19	LD L,(IY+d) LD L,A LD L,B	FD 6E d 3 6F 1 68 1	4	RES 5,D RES 5,E RES 5,H	CB AA 2 CB AB 2 CB AC 2		SET 2,D SET 2,E SET 2,H	CB D3	2 8 2 8 2 8	Ħ
ADC A,HIX ADC A,HIY	DD 8C FD 8C	2 1	7 7	z v c z v c	BIT 7,L CALL addr	CB 7D CD dr ad	2 8 3 17	? <>b		LD (IY+d),B FD 70 d LD (IY+d),C FD 71 d	3 19 3 19	LD L,C LD L,D	69 1 6A 1	4	RES 5,L RES 6,(HL)	CB AD 2 CB B6 2	8 15	SET 2,L SET 3,(HL)	CB D5 CB DE	2 8 2 15	H
ADC A,L ADC A,LIX ADC A,LIY	DD 8D FD 8D	2 1	7	z v c z v c	CALL c,addr CALL m,addr CALL nc.addr	DC dr ad FC dr ad D4 dr ad	3 ame 3 ame 3 ame			LD (IY+d),D FD 72 d LD (IY+d),E FD 73 d LD (IY+d),H FD 74 d	3 19 3 19 3 19	LD L,E LD L,H LD L,L	6C 1	4 4	RES 6,(IX+d) RES 6,(IY+d) RES 6,A		23 23 8	SET 3,(IX+d) I SET 3,(IY+d) I SET 3,A		4 23 4 23 2 8	Ħ
ADC A,n ADC HL,BC	CE n ED 4A	2 1	7 7 5 15	z v c	CALL p,addr	F4 dr ad	3 ana			LD (IY+d),L FD 75 d LD (IY+d),n FD 36 d n	3 19 4 19	LD L,n LD LDX,A	2E n 2 DD 6F 2	7 8	RES 6,B RES 6,C	CB B0 2 CB B1 2	8	SET 3,B SET 3,C	CB D8 CB D9	2 8 2 8	H
ADC HL, DE ADC HL, HL ADC HL, SP	ED 5A ED 6A ED 7A	2 1	5 15 5 15 5 15	z v c z v c	CALL po,addr CALL pe,addr CALL z,addr		3 ama 3 ama 3 ama			LD A,(addr) 3A dr ad / FA dr ad LD A,(BC) 0A	3 16 1 7	LD LIX,B LD LIX,C LD LIX,D	DD 69 2	8 8	RES 6,D RES 6,E RES 6,H	CB B3 2	8 8	SET 3,D SET 3,E SET 3,H	CB DA CB DB CB DC	2 8 2 8 2 8	H
ADD A,(HL) ADD A,(DX+d)	86 DD 86 d	3 1	7 7	z v c	CCF CP (HL)	3F BE		=7 =		LD A,(DE) 1A LD A,(HL) 7E	1 7	LD LIX,E LD LIX,HIX	DD 6B 2 DD 6C 2	8 8	RES 6,L RES 7,(HL)	CB B5 2 CB BE 2	8 15	SET 3,L SET 4,(HL)	CB DD CB E6	2 8 2 15	E
ADD A,(IY+d) ADD A,A ADD A,B	FD 86 d 87 80	1 4	7	z v c z v c		DD BE d FD BE d BF	3 19 3 19 1 4	=7 = =7 = =7 =	y <	LD A,(HL) 7E LD A,(IX+d) DD 7E d LD A,(IY+d) FD 7E d	1 7 3 19 3 19	LD LIX,LIX LD LIX,n LD LIY,A	DD 2En 3	8 11 8	RES 7,(IX+d) RES 7,(IY+d) RES 7,A	DD CB dBE 4 FD CB dBE 4 CB BF 2		SET 4,(IX+d) SET 4,(IY+d) SET 4,A	FD CB 4 E6	4 23 4 23 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	H
ADD A,C ADD A,D	81 82	1 4		z v c	CP B CP C	B8 B9	1 4	=7 = =7 =	y <	LD A,A 7F LD A,B 78	1 4 1 4	LD LIY,B LD LIY,C	FD 69 2	8 8	RES 7,B RES 7,C	CB B9 2	8	SET 4,B SET 4,C	CB E1	2 8 2 8	Ε
ADD A,E ADD A,H ADD A,HIX	83 84 DD 86 84		1 7	z v c z v c	CPE	BA BB BC		=7 = =7 = =7 =	y <	LD A,C 79 LD A,D 7A LD A,E 7B	1 4 1 4 1 4	LD LIY,D LD LIY,E LD LIY,HIY	FD 6B 2	8 8	RES 7,D RES 7,E RES 7,H	CB BA 2 CB BB 2 CB BC 2	8 8	SET 4,D SET 4,E SET 4,H	02/20	2 8 2 8 2 8	H
ADD A,HIY ADD A,L	FD 86 84 85	1 4	7	z v c	CP HIX CP HIY	DD BC FD BC	2 8 2 8	=7 =	у < у <	LD A,H 7C LD A,HIX DD 7C	1 4 2 8	LD LIY,LIY LD LIY,n	FD 6D 2 FD 2E n 3	8 11	RES 7,L RET	CB BD 2 C9 1	8 10	SET 4,L SET 5,(HL)	CB E5 CB EE	2 8 2 15	Ħ
ADD A,LIX ADD A,LIY ADD A,n	DD 86 85 FD 86 85 C6 n	2 1	7	z v c z v c	CP LIX	DD BD FD BD		=7 = =7 = =7 =		LD A,HIY FD 7C LD A,I ED 57 LD A,L 7D	2 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	i 0 LD SP,(addr) : LD SP,hilo	ED 4F 2 ED 7B dr ad 4 31 lo hi 3	20	RET C RET M RET NC	F8 1	ant ant	SET 5,(IX+d) SET 5,(IY+d) SET 5.A	DD CB d EE FD CB d EE CB EF	4 23 4 23 2 8	H
ADD HL,BC ADD HL,DE	09 19	1 1 1 1	1	C	CP n CPD	FE n ED A9	2 16		BC	LD A,LIX DD 7D LD A,LIY FD 7D	2 8 2	LD SP,HL LD SP,IX	F9 1 DD F9 2	6 10	RET NZ RET P	C0 1 F0 1	am am	SET 5,B SET 5,C	CB E8 CB E9	2 8 2 8	H
ADD HL,HL ADD HL,SP ADD IX,BC	29 39 DD 09		1 1 5	c c	CPI	ED B9 ED A1 ED B2	2 -1601 2 16 2 -1601	? =A]	3C	LD A,n 3E n LD A, (\$FF00+n) F0 n LD A,(\$FF00+C) F2	2 7 2 12 1 8	LD SP,IY LDD LDDR	FD F9 2 ED A8 2 ED B8 2	16 BC	RET PE RET PO RET Z	E0 1	ans ans	SET 5,D SET 5,E SET 5.H		2 8 2 8 2 8	Ħ
ADD IX,DE ADD IX,HL	DD 19 DD 29	2 1	5	C C	CPL DAA	2F 27	1 4 1 4	7 z	рс	LD A,R ED 5F LD B,(HL) 46	2 9 7 z 1 7	i 0 LDI A,(HL) LDI (HL),A	2A 2 22 2		RETI RETN	ED 4D / D9 1 ED 45 2	8 14	SET 5,L SET 6,(HL)	CB ED CB F6	2 8 2 15	Ħ
ADD IX,SP ADD IY,BC ADD IY,DE	DD 39 FD 09 FD 19		5 5	c	DEC (HL) DEC (IY+d)	35 DD 35 d FD 35 d	1 11 3 23 3 23	7 z 7 z 7 z	v v	LD B,(IX+d) DD 46 d LD B,(IY+d) FD 46 d LD B,A 47	3 19 3 19 1 4	LDD A,(HL) LDD (HL),A LDI	32 2 3A 2 ED A0 2	8 8 BC	RL (HL) RL (IX+d) RL (IY+d)	CB 16 2 DD CB d 16 4 FD CB d 16 4	15 7 z p r7 23 7 z p r7 23 7 z p r7	SET 6,(IY+d)	DD CB 4F6 FD CB 4F6 CB F7	4 23 4 23 2 8	Ħ
ADD IY,HL ADD IY,SP	FD 29 FD 39	2 1	5	0	DEC A DEC B	3D 05	1 4 1 4	7 z		LD B,B 40 LD B,C 41	1 4 1 4	LDIR NEG	ED B0 2 ED 44 2	8 7 z A80 A	RLA 0 RLB	CB 17 2 CB 10 2	8 7 z p r7 8 7 z p r7	SET 6,B SET 6,C	CB F0	2 8 2 8	Ħ
ADD SP,n AND (HL) AND (IX+d)	A6 DD A6 d	1 '	6 n 7 7 9 7		DEC C	0B 0D 15	1 6 1 4 1 4	7 z 7 z		LD B,D 42 LD B,E 43 LD B,H 44	1 4 1 4 1 4	OR (HL) OR (IX+d)		7 7 z P 0 19 7 z p 0		CB 12 2	8 7 z p f7 8 7 z p f7 8 7 z p f7	SET 6,E		2 8 2 8 2 8 2 8 2 8	Ħ
AND (IY+d) AND A	FD A6 d A7	3 1	9 7	z p c z p c	DEC DE DEC E	1B	I 6	7 z	BUG V	LD B,HIX DD 44 LD B,HIY FD 44 LD B,L 45	2 8 2 8 1 4	OR (IY+d) OR A	FD B6 d 3 B7 1	19 7 z p 0 4 7 z p 0	RLH RLL	CB 14 2 CB 15 2	8 7 z p r7 8 7 z p r7	SET 6,L SET 7,(HL)	CB F5 CB FE	2 8 2 15	E
AND B AND C AND D	A0 A1 A2	1 4	17	z p c z p c z p c	DEC HIX	DD 25 FD 25	1 4 2 8 2 8	7 z	v	LD B,LIX DD 45 LD B,LIY FD 45	2 8 2 8	OR B OR C OR D	B1 1 B2 1	4 7 z p 0 4 7 z p 0 4 7 z p 0	RLC (HL)	CB 06 2	4 r7 15 7 z p r7 23 7 z p r7	SET 7,(IY+d)		4 23 4 23 2 8 2 8	Ħ
AND E AND H AND HIX	A3 A4 DD A4	1 4	7		DEC HL	2B DD 2B FD 2B	1 6 2 10 2 10		BUG	LD B,n 06 n LD BC,(addr) ED 4B dr ad LD BC,hilo 01 lo hi	2 7 4 20 3 10	OR E OR H	B3 1	4 7 z p 0 4 7 z p 0 8 7 z p 0	RLC (IY+d) RLC A		23 7 z p r7 8 7 z p r7 8 7 z p r7	SET 7,B SET 7,C	CB F8 CB F9 CB FA	2 8 2 8 2 8 2 8	f
AND HIY AND L	FD A4	1 1	7 7	z v c z p c	DEC LIX	2D DD 2D	1 4 2 8	7 z	v v	LD C,(HL) 4E LD C,(D(+d) DD 4E d	1 7 3 19	OR HIY OR L	FD B4 2	8 7 z p 0 4 7 z p 0	RLCC	CB 01 2 CB 02 2	8 7 z p 17 8 7 z p 17	SET 7,E SET 7,H	CB FB	2 8 2 8	Ħ
AND LIX AND LIY AND n	DD A5 FD A5 E6 n	2 :			DEC LIY DEC SP DI	FD 2D 3B F3	2 8 1 6 1 4	7 z	٧	LD C,(IY+d) DD 4E d LD C,A 4F LD C,B 48	3 19 1 4 1 4	OR LIX OR LIY OR n	FD B5 2	8 7 z p 0 8 7 z p 0 7 7 z p 0	RLCH	CB 04 2	8 7 z p r7 8 7 z p r7 8 7 z p r7	SET 7,L SLA (HL)	CB 26	2 8 2 15 7 z p 4 23 7 z p	
BIT 0,(HL) BIT 0,(DX+d)	CB 46 CB DD 46	2 1	2 7 <		DJNZ d EI	10 d FB	2 ase 1 4			LD C,C 49 LD C,D 4A	1 1 1 1	OTDR OTIR	EDBB 2	7 7 Z P 0 16nz21 7 1 7 16nz21 7 I 7	RLCA RLD	07 1	4 r7		FD CB d 26	4 23 7 z p 2 8 7 z p	r7
BIT 0,(IY+d) BIT 0,A BIT 0,B	CB FD 46 CB 47	2 1	3 ? <	>b ? >b ? >b ?	EX (SP),HL EX (SP),IX EX (SP),IY	DD E3 FD E3	1 19 2 23 2 23		+	LD C,H 4C LD C,HIX DD 4C	1 4 1 4 2 8	OUT (C),A OUT (C),B OUT (C),C		12 12	RR (HL) RR (IX+d) RR (IY+d)	DD CB d 1E 4	15 7 z p r0 23 7 z p r0 23 7 z p r0	SLA C		2 8 7 z p 2 8 7 z p 2 8 7 z p	r7
BIT 0,C BIT 0,D	CB 41 CB 42	2 1	3 ? < 3 ? <	>b ? >b ?	EX AF,AF' EX DE,HL	08 EB	1 4 1 4	s' z'	p' c'	LD C,HIY FD 4C LD C,L 4D	2 8 1 4	OUT (C),E	ED 51 2 ED 59 2	12 12	RR A RR B	CB 1F 2 CB 18 2	8 7 z p r0 8 7 z p r0	SLA E SLA H	CB 23 CB 24	2 8 7 z p 2 8 7 z p	r7
BIT 0,E BIT 0,H BIT 0,L	CB 43 CB 44 CB 45	2 1	3 ? < 3 ? < 3 ? <	>b ?	HALT IM 0	76 ED 46	1 4 1 min 4 2 8		800	LD C,LIX DD 4D LD C,LIY FD 4D LD C,n 0E n	2 8 2 8 2 7	L(C) TUO L(C) TUO A,(a) TUO		12 12 11	RR C RR D RR E	CB 19 2 CB 1A 2 CB 1B 2	8 7 z p r0 8 7 z p r0 8 7 z p r0	SLL (HL)		2 8 7 z p 2 15 7 z p 4 23 7 z p	
BIT 1,(HL) BIT 1,(IX+d) BIT 1,(IY+d)	CB 4E CB DD 4E CB FD 4E	2 1 d 4 2		>b ? >b ? >b ?	IM 1 IM 2 IN A,(C)	ED 56 ED 5E ED 78	2 8 2 8 2 12	7 -	- 0	LD D,(HL) 56 LD D,(IX+d) DD 56 d LD D,(IY+d) FD 56 d	1 7 3 19 3 19	OUTD OUTI POP AF	ED A3 2	16 ? <>B ? 16 ? <>B ? 10 POP POP POP PO	RR H RR L	CB 1C 2 CB 1D 2 1F 1	8 7 z p r0 8 7 z p r0 4 r0	SLL (IY+d) SLL A	FD CB 4 36 CB 37 CB 30	4 23 7 z p 2 8 7 z p 2 8 7 z p	t7 t7
BIT 1,A BIT 1,B	CB 1F CB 48	2 8	3 ? <	>b 7	IN A,(n) IN B,(C)	DB n ED 40	2 11 2 12	7 z	p 0	LD D,A 57 LD D,B 50	1 4 1 4	POP BC POP DE	C1 1 D1 1	10	RRC (HL)	CB 0E 2	15 7 z p r0 23 7 z p r0	SLL C	CB 31 CB 32	2 8 7 z p 2 8 7 z p	r7 r7
BIT 1,C BIT 1,D BIT 1,E	CB 49 CB 4A CB 4B	2 1	7 < 7 < 7 <	>b 7	IN C,(C) IN D,(C) IN E,(C)	ED 48 ED 50 ED 58	2 12 2 12 2 12	7 z 7 z 7 z 7 z 7 z 7 z 7 z 7	p 0	LDD,C 51 LDD,D 52 LDD,E 53	1 4 1 4 1 4	POP IX POP IY	E1 1 DD E1 2 FD E1 2	14	RRC (IY+d) RRC A RRC B		23 7 z p r0 8 7 z p r0 8 7 z p r0	SLL H	CB 33 CB 34 CB 35	2 8 7 z p 2 8 7 z p 2 8 7 z p	r7
BIT 1,H BIT 1,L	CB 4C CB 4D	2 1	? < } ? <	>b ? >b ?	IN H,(C) IN L,(C)	ED 68	2 12 2 12	7 z 7 z	p 0 p 0	LD D,H 54 LD D,HIX DD 54	1 4 2 8	PUSH AF PUSH BC	F5 1 C5 1	11 11	RRC C RRC D	CB 09 2 CB 0A 2	8 7 z p r0 8 7 z p r0	SRA (HL) SRA (EX+d)	CB 2E DD CB d 2E	2 15 7 z p 4 23 7 z p	r0 r0
BIT 2,(HL) BIT 2,(IY+d) BIT 2,(LY+d)	CB 56 CB FD 56 CB DD 56	d 4 2	0 ? <	>b ? >b ? >b ?	INC (HL) INC (IX+d) INC (IY+d)	34 DD 34 d FD 34 d	1 11 3 23 3 23	7 z	V	LDD,HIY FD 54 LDD,L 55 LDD,LIX DD 55	2 8 1 4 2 8	PUSH DE PUSH HL PUSH IX	D5 1 E5 1 DD E5 2	11	RRCE RRCH RRCL	CB 0C 2	8 7 z p r0 8 7 z p r0 8 7 z p r0	SRA A	CB 2F	4 23 7 z p 2 8 7 z p 2 8 7 z p	r0
BIT 2,A BIT 2,B	CB 57 CB 50	2 1	3 ? < 3 ? <	>b ? >b ?	INC A INC B	3C 04	1 4 1 4	7 z	V	LD D,LIY FD 55 LD D,n 16 n LD DE,(addr) ED 5B dr ad	2 8 2 7	PUSH IY RES O.(HL)	FD E5 2 CB 86 2	15 15	RRCA RRD	0F 1 ED 67 2	4 r0 18 7 z p	SRA C SRA D	CB 29 CB 2A	2 8 7 z p 2 8 7 z p	r0 r0
BIT 2,C BIT 2,D BIT 2,E	CB 51 CB 52 CB 53	2 1	3 ? < 3 ? < 3 ? <	>b ?	INC BC INC C INC D	03 0C 14	1 6 1 4 1 4	7 z 7 z	v 806	LD DE,(addr) ED 5B dr ad LD DE,hilo 11 lo hi LD E,(HL) 5E	3 10 1 7	RES 0,(IX+d) RES 0,(IY+d) RES 0,A	D CB d 86 4 D CB d 86 4 CB 87 2	23	RST 0 RST 1,addr RST 2,addr	CF drad 3	(11) (11)	SRAE SRAH SRAL	CB 2C CB 2D	2 8 7 z p 2 8 7 z p 2 8 7 z p	r0 r0
BIT 2,H BIT 2,L	CB 54 CB 55	2 1	3 ? < 3 ? <	>b ?	INC DE INC E INC H	13 1C	1 6			LD E,(IX+d) DD 5E d LD E,(IY+d) FD 5E d LD E.A 5F	3 19 3 19 1 4	RES 0,B RES 0,C	CB 80 2 CB 81 2	8	RST 3,addr RST 4	DF drad 3 E7 1	11	SRL (HL) SRL (IX+d)	CB 3E DD CB 4 3E	2 15 7 z p 4 23 7 z p	r0 r0
BIT 3,(HL) BIT 3,(IX+d) BIT 3,(IY+d)	CB 5E CB DD 5E CB FD 5E	d 4 2 d 4 2	0 7 <	>b 7 >b 7	INC HIX	24 DD 24 FD 24	1 4 2 8 2 8	7 z 7 z	V	LD E,B 58 LD E,C 59	1 4	RES 0,D RES 0,E RES 0,H	CB 82 2 CB 83 2 CB 81 2	8	RST 5,addr RST 6 RST 7	F7 1 FF 1	(11) 11 11	SRL (IY+d) SRL A SRL B	CB 3F CB 38	4 23 7 z p 2 8 7 z p 2 8 7 z p	r0 r0
BIT 3,A BIT 3,B BIT 3,C	CB 5F CB 58 CB 59	2 2	3 ? <	>b ?	INC HL INC IX INC IY	23 DD 23 FD 23	1 6 2 10 2 10		BUG	LD E,D 5A LD E,E 5B LD E,H 5C	1 4 1 4 1 4	RES 0,L RES 1,(HL) RES 1,(DX+d)	CB 85 2 CB 8E 2 D CB 48E 4	8 15	SBC A,(HL) SBC A,(IX+d SBC A,(IY+d	9E 1	7 7 z v b 19 7 z v b 19 7 z v b	SRL C SRL D SRL E	CB 39 CB 3A	2 8 7 z p 2 8 7 z p 2 8 7 z p	r0 r0
BIT 3,D BIT 3,E	CB 5A CB 5B	2 1	? < } ? <	>b ? >b ?	INC L INC LIX	2C DD 2C	1 4 2 8	7 z		LD E,HIX DD 5C LD E,HIY FD 5C	2 8 2 8	RES 1,(IY+d) RES 1,A	D CB d 8E 4 CB 8F 2	23 8	SBC A,A SBC A,B	9F 1 98 1	4 7 z v b 4 7 z v b	SRL H SRL L	CB 3C CB 3D	2 8 7 z p 2 8 7 z p	r0
BIT 3,H BIT 3,L BIT 4,(HL)	CB 5D CB 66	2 1	3 ? < 3 ? < 2 ? <	>6 ?	INC LIY INC SP IND	FD 2C 33 ED AA	2 8 1 6 2 16	7 z 7 <>B	7	LD E,LIX DD 5D LD E,LIX FD 5D	1 4 2 8 2 8	RES 1,B RES 1,C RES 1,D	CB 88 2 CB 89 2 CB 8A 2	8	SBC A,C SBC A,D SBC A,E	99 1 9A 1 9B 1	4 7 z v b 4 7 z v b 4 7 z v b		96 DD 96 d	2 4 v 1 7 7 z v 3 19 7 z v	b
BIT 4,(IY+d) BIT 4,(LY+d)	CB FD 66 CB DD 66	d 4 2	0 ? < 0 ? <	>b ? >b ?	INDR INI	ED BA ED A2	2 atoma21 2 16	7 1 7 <>B	?	LD E,n 1E n LD H,(HL) 66	2 7 1 7	RES 1,E RES 1,H	CB 8B 2 CB 8C 2	8	SBC A,H SBC A,HIX	9C 1 DD 9C 2	4 7 z v b 8 7 z v b	SUB (IY+d) SUB A	FD 96 d 97	3 19 7 z v 1 4 7 z v	b
BIT 4,A BIT 4,B BIT 4,C	CB 67 CB 60 CB 61	2 1	3 ? < 3 ? < 3 ? <	>b ?	INIR JP (HL) JP (DX)	ED B2 E9 DD E9	2 attenz21 1 4 2 8	7 1	7	LD H,(IX+d) DD 66 d LD H,(IY+d) FD 66 d LD H,A 67	3 19 3 19 1 4	RES 1,L RES 2,(HL) RES 2,(DX+d) 1	CB 8D 2 CB 96 2 DD CB 4 96 4	15	SBC A,HIY SBC A,L SBC A,LIX	FD 9C 2 9D 1 DD 9D 2	8 7 z v b 4 7 z v b 8 7 z v b		91	1 4 7 z v 1 4 7 z v 1 4 7 z v	ь
BIT 4,D BIT 4,E	CB 62 CB 63	2 2	? < ? <	>b ? >b ?	JP (IY) JP addr	FD E9 C3 dr ad	2 8 3 10		\mp	LD H,B 60 LD H,C 61	1 4	RES 2,(IY+d) RES 2,A	D CB d 96 4 CB 97 2	8	SBC A,LIY SBC A,n	FD 9D 2 DEn 2	8 7 z v b 7 7 z v b	SUB E SUB H	93 94	1 4 7 z v 1 4 7 z v	ь
BIT 4,H BIT 4,L BIT 5,(HL)	CB 64 CB 65 CB 6E	2 1		>b 7 >b 7 >b 7	IP c,addr IP m,addr IP nc,addr	DA drad FA drad D2 drad				LD H,D 62 LD H,E 63 LD H,H 64	1 4 1 4 1 4	RES 2,B RES 2,C RES 2,D	CB 90 2 CB 91 2 CB 92 2	8	SBC HL,BC SBC HL,DE SBC HL,HL	ED 42 2 ED 52 2 ED 62 2	15 15 z v b 15 15 z v b 15 15 z v b	SUB HIX SUB HIY SUB L	220 110	2 8 7 z v 2 8 7 z v 1 4 7 z v	
BIT 5,(IX+d) BIT 5,(IY+d)	CB DD 6E CB FD 6E	d 4 2	0 ? < 0 ? <	>b 7 >b 7	JP nz,addr JP p,addr	C2 dr ad F2 dr ad	3 10 3 10		Ŧ	LD H,L 65 LD H,n 26 n LD HIX,A DD 67	1 4 2 7	RES 2,E RES 2,H	CB 93 2 CB 94 2	8	SBC HL,SP SCF	ED 72 2 37 1	15 15 z v b 4 1 1	SUB LIX SUB LIY	DD AD FD AD	2 8 7 z v 2 8 7 z v	b
BIT 5,A BIT 5,B BIT 5,C	CB 6F CB 68 CB 69	2 1	7 < 3 ? < 3 ? <	>b ? >b ?	JP po,addr JP pe,addr JP z,addr	E2 dr ad EA dr ad CA dr ad	3 10			LD HIX,B DD 60 LD HIX,C DD 61	2 8 2 8 2 8	RES 3,(HL) RES 3,(IX+d) I	CB 95 2 CB 9E 2 DD CB d 9E 4	15 23	SET 0,(HL) SET 0,(IX+d) SET 0,(IY+d)	DD CB d C6 4 FD CB d C6 4	23	SUB n SWAP A SWAP B	CB 37 CB 30	2 7 7 z v 2 8 7 z v 2 8 7 z v	
BIT 5,D BIT 5,E BIT 5,H	CB 6A CB 6B CB 6C	2 1	3 ? < 3 ? <	>b ? >b ?	JR c,d JR d JR nc,d	38 d 18 d	2 12 2 12 2 12			LD HIX,D DD 62 LD HIX,E DD 63 LD HIX,HIX DD 64	2 8 2 8 2 8		D CB d 9E 4 CB 9F 2	8	SET 0,A SET 0,B SET 0,C	CB C7 2 CB C0 2	8	SWAP C SWAP D SWAP E	CB 31 CB 32 CB 33	2 8 7 z v 2 8 7 z v 2 8 7 z v	
BIT 5,L BIT 6,(HL)	CB 6D CB 76	2 1	3 ? < 3 ? < 2 ? <	>b ? >b ?	JR nc,d JR nz,d JR z,d	20 d 28 d	2 11217			LD HIX,LIX DD 65 LD HIX,n DD 26 n	2 8 3 11	RES 3,C RES 3,D	CB 99 2 CB 9A 2	8	SET 0,D SET 0,E	CB C2 2 CB C3 2	8	SWAP H SWAP L	CB 34 CB 35	2 8 7 z v 2 8 7 z v	z
BIT 6,(IX+d) BIT 6,(IY+d) BIT 6,A	CB DD 76 CB FD 76 CB 77	d 4 2	0 ? < 0 ? <	>b ? >b ? >b ?	LD (addr),A LD (addr),BC	32 drad /EA drad ED 43 drad	3 13	\prod	\bot	LD HIY,A FD 67 LD HIY,B FD 60 LD HIY,C FD 61	2 8 2 8 2 8	RES 3,E RES 3,H RES 3,L	CB 9B 2 CB 9C 2 CB 9D 2	8	SET 0,H SET 0,L SET 1,(HL)		8 8 15	SWAP (HL) XOR (HL) XOR (IX+d)	CB 36 AE DD AC d	2 16 7 z v 1 7 7 z p 3 19 7 z p	0
BIT 6,B BIT 6,C	CB 70 CB 71	2 2	? < ? <	>b ? >b ?	LD (addr),DE LD (addr),HL	ED 53 drad 22 drad	4 20 3 16		\mp	LD HIY,D FD 62 LD HIY,E FD 63	2 8 2 8	RES 4,(HL) RES 4,(IX+d) I	CB A6 2 D CB d A6 4	15 23	SET 1,(IX+d) SET 1,(IY+d)	DD CB 4 CE 4 FD CB 4 CE 4	23 23	XOR (IY+d) XOR A	FD AC d AF	3 19 7 z p 1 4 7 z p	0
BIT 6,D BIT 6,E BIT 6,H	CB 72 CB 73 CB 74	2 1	7 < 7 < 7 <	>b 7	LD (addr),HL LD (addr),IX LD (addr),IY	ED 63 drad DD 22 drad FD 22 drad	4 20	\dashv	+	LD HIY,HIY FD 64 LD HIY,LIY FD 65 LD HIY,n FD 26 n	2 8 2 8 3 11	RES 4,(IY+d) I RES 4,A RES 4,B	D CB d A6 4 CB A7 2 CB A0 2	8	SET 1,A SET 1,B SET 1,C	CB C8 2	8 8	XOR B XOR C XOR D	A9	1 4 7 z p 1 4 7 z p 1 4 7 z p	0
BIT 6,L	CB 75		7 <		LD (addr),SP	ED 73 dr ad / 08 dr ad				LD HL,(addr) 2A dr ad LD HL,(addr) ED 6B dr ad	3 16 4 20	RES 4,C RES 4,D	CB A1 2 CB A2 2	8	SET 1,D SET 1,E	CB CA 2 CB CB 2	8	XOR E XOR H	AB AC	1 4 7 z p 1 4 7 z p	0
their register co	ntents are in	the rang	e \$fe00-	\$feff.	he following comn prite "blink" will ra		Vour sorite	es		LD HL,hilo 21 lo hi LD HL,SP+n F8 n LD I,A ED 47	3 10 2 12 2 9	RES 4,E RES 4,H RES 4,L	CB A3 2 CB A4 2 CB A5 2	8	SET 1,H SET 1,L	CB CC 2 CB CD 2	8	XOR HIX XOR HIY XOR L		2 8 7 z p 2 8 7 z p 1 4 7 z p	0
BUG: on the G	BZ80, HAL ructions wit	T when: h the sa	nterrupts me mes	are disabl ning:	ed will not lock th	e CPU, hower	ver the inst	ruction im		y following the HALT instruc	tion is "skipped" ,sc					Black: GBZ80 & Blue: Z80 only Red: GBZ80 only		XOR LIX XOR LIY	DD AC FD AD	2 8 7 z p 2 8 7 z p	0
LD (\$FF00+n) , LD A, (\$FF00+r	A - LDH (6)) - LDH A,	A LDI DI (n)	(HL),A = A,(HL) =	LD (HLI),A LD A,(HLI	or LD (HL+),A LI) or LD A,(HL+) LI	DD (HL),A = LI DD A,(HL) = 1	D (HLD),A o .D A,(HL-) o	er LD (HL-), or LD A,(HL	A LD. D) LD(A,(C) = LD A,(\$FF00+C) C),A = LD (\$FF00+C),A LD HI	LSP+n = LDHL SP,n	www.c	hibiaku	umas.com		Judov villy		XOR n	EE n	2 7 7 z p	