

EK-1: 6802 MİKROİŞLEMCİSİNİN ASSEMBLY KOMUT KÜMESİ

00	*	40	NEG A	80	SUB A	IMM	C0	SUB B	IMM
01	*	41	*	81	CMP A	IMM	C1	CMP B	IMM
02	NOP	42	*	82	SBC A	IMM	C2	SBC B	IMM
03	*	43	COM A	83	*		C3	*	
04	*	44	LSR A	84	AND A	IMM	C4	AND B	IMM
05	*	45	*	85	BIT A	IMM	C5	BIT B	IMM
06	TAP	46	ROR A	86	LDA A	IMM	C6	LDA B	IMM
07	TPA	47	ASR A	87	*		C7	*	
08	INX	48	ASL A	88	EOR A	IMM	C8	EOR B	IMM
09	DEX	49	ROL A	89	ADC A	IMM	C9	ADC B	IMM
0A	CLV	4A	DEC A	8A	ORA A	IMM	CA	ORA B	IMM
0B	SEV	4B	*	8B	ADD A	IMM	CB	ADD B	IMM
0C	CLC	4C	INC A	8C	CPX	IMM	CC	*	
0D	SEC	4D	TST A	8D	BSR	REL	CD	*	
0E	CLI	4E	*	8E	LDS	IMM	CE	LDX	IMM
0F	SEI	4F	CLR A	8F	*		CF	*	
10	SBA	50	NEG B	90	SUB A	DIR	D0	SUB B	DIR
11	CBA	51	*	91	CMP A	DIR	D1	CMP B	DIR
12	*	52	*	92	SBC A	DIR	D2	SBC B	DIR
13	*	53	COM B	93	*		D3	*	
14	*	54	LSR B	94	AND A	DIR	D4	AND B	DIR
15	*	55	*	95	BIT A	DIR	D5	BIT B	DIR
16	TAB	56	ROR B	96	LDA A	DIR	D6	LDA B	DIR
17	TBA	57	ASR B	97	STA A	DIR	D7	STA B	DIR
18	*	58	ASL B	98	EOR A	DIR	D8	EOR B	DIR
19	DAA	59	ROL B	99	ADC A	DIR	D9	ADC B	DIR
1A	*	5A	DEC B	9A	ORA A	DIR	DA	ORA B	DIR
1B	ABA	5B	*	9B	ADD A	DIR	DB	ADD B	DIR
1C	*	5C	INC B	9C	CPX	DIR	DC	*	
1D	*	5D	TST B	9D	*		DD	*	
1E	*	5E	*	9E	LDS	DIR	DE	LDX	DIR
1F	*	5F	CLR B	9F	STS	DIR	DF	STX	DIR
20	BRA REL	60	NEG IND	A0	SUB A	IND	E0	SUB B	IND
21	*	61	*	A1	CMP A	IND	E1	CMP B	IND
22	BHI REL	62	*	A2	SBC A	IND	E2	SBC B	IND
23	BLS REL	63	COM IND	A3	*		E3	*	
24	BCC REL	64	LSR IND	A4	AND A	IND	E4	AND B	IND
25	BCS REL	65	*	A5	BIT A	IND	E5	BIT B	IND
26	BNE REL	66	ROR IND	A6	LDA A	IND	E6	LDA B	IND
27	BEQ REL	67	ASR IND	A7	STA A	IND	E7	STA B	IND
28	BVC REL	68	ASL IND	A8	EOR A	IND	E8	EOR B	IND
29	BVS REL	69	ROL IND	A9	ADC A	IND	E9	ADC B	IND
2A	BPL REL	6A	DEC IND	AA	ORA A	IND	EA	ORA B	IND
2B	BMI REL	6B	*	AB	ADD A	IND	EB	ADD B	IND
2C	BGE REL	6C	INC IND	AC	CPX	IND	EC	*	
2D	BLT REL	6D	TST IND	AD	JSR	IND	ED	*	
2E	BGT REL	6E	JMP IND	AE	LDS	IND	EE	LDX	IND
2F	BLE REL	6F	CLR IND	AF	STS	IND	EF	STX	IND
30	TSX	70	NEG EXT	B0	SUB A	EXT	F0	SUB B	EXT
31	INS	71	*	B1	CMP A	EXT	F1	CMP B	EXT
32	PUL A	72	*	B2	SBC A	EXT	F2	SBC B	EXT
33	PUL B	73	COM EXT	B3	*		F3	*	
34	DES	74	LSR EXT	B4	AND A	EXT	F4	AND B	EXT
35	TXS	75	*	B5	BIT A	EXT	F5	BIT B	EXT
36	PSH A	76	ROR EXT	B6	LDA A	EXT	F6	LDA B	EXT
37	PSH B	77	ASR EXT	B7	STA A	EXT	F7	STA B	EXT
38	*	78	ASL EXT	B8	EOR A	EXT	F8	ADC B	EXT
39	RTS	79	ROL EXT	B9	ADC A	EXT	F9	ADC B	EXT
3A	*	7A	DEC EXT	BA	ORA A	EXT	FA	ORA B	EXT
3B	RTI	7B	*	BB	ADD A	EXT	FB	ADD B	EXT
3C	*	7C	INC EXT	BC	CPX	EXT	FC	*	
3D	*	7D	TST EXT	BD	JSR	EXT	FD	*	
3E	WAI	7E	JMP EXT	BE	LDS	EXT	FE	LDX	EXT
3F	SWI	7F	CLR EXT	BF	STS	EXT	FF	STX	EXT

AÇIKLAMA:

- 1) A = Akümülatör A, B = Akümülatör B, ' * ' : Tanımlanmamış kod,
- 2) Adresleme Modları : IMM=Anında, REL=Relatif, EXT=Genişletilmiş, DIR=Doğrudan, IND = İndisli