**EK-1: 6802 MİKROİŞLEMCİSİNİN ASSEMBLY KOMUT KÜMESİ**

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