

Program for operation of ADC 0804
with IRQ connection & display of value on LED

0001	86	LDA	Load interrupt vector
0002	7E	JMP	
0003	97	STA	
0004	F7		
0005	CE	LDA Index	
0006	00		
0007	20		
0008	DF	STX	Store index
0009	F8		
→ 000A	CE	LDA	(Setup address of Display)
000B	C1		
000C	2F		
000D	DF	STX	
000E	F0		
000F	4F	CLRA	
0010	B7	STAA	
0011	D0		
0012	03		
0013	0E	Clear interrupt	
0014	3E	WAI	
0015	7E	JMP	
0016	00		
0017	0A		

See next page for interrupt routine