. No	/22			Page No.
E. (41)		T		rage 140.
		A COTO		
	V	MIK	RFACING	
(1) Steppe	re moton	interf	acing	
			<b>V</b>	
AIM:	10 W	mete e	r 8051 program for	v stepper motor
- 4	interfacing		, , ,	,,
PROGRA	w.			
TAUGKA	(*/ .			
memory	<del>     </del>	Capel	Instructions	Connect
8000	90:11:00	AGAIN		Comment
8003	74:11	Property	MOV DPTR, # 1100H	more DATE to 1100H
8005	Fo		MOV A, # IIH	more 1111 to A
8006	U: IA		MOUX COPTR, A ACALL DELAY	move content of A to memor
8008	74:22		mov P, # 22H	lead 221 to A
800A	FO		MOUX COPIR, A	more content of A to memore
800B	11:14		ACALL DELAY	Call delay
800 D	74:44		MOV A, # 44M	load A with 44H
800p	PO		MOUX COPTE, A	move content of A to memo
80 10	11: 1A		ALAKL DELAY	call delay
8012	74:88		MOV A, #88H	load A with 88H
8014	FO		MOUX ODPTR, A	more data from A to men
8015	11:1A		BEDLY DEYBA	Call delay.
8017	02:80:00		LIMP AGAIN	fump to again
8014	78:55	DELAY	mov Ro, # 55H	load to with 65H
8010	79:FP	100P	mov RI, # OFFH	load RI with FFH
Sole	89: Fe	HERE	DINZE HERE	decrement k, if to and jump
8020	D8:FA		DINZ KO, LOOP	Decrement R. RI to jumpto 2

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RESULT:							
interfac	write	and	souted.	8051	bxog ham	1a	steppa mo
interlace	ling.			-,-,-	13	0	
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Alm:	To	weite a	a 8051 anomalis Percel	hampan lon. 50 pan
ADC	8051	interface	ng. 8051 assembly level	program jet styll
		0		
PROGRAI	w:			
			•	
memory		label	Instructions	Comments
8000	90:11:00	LOOP	mov DPTR, # 1100	Move DATE to 1100H
8003	74:00		MOV 4,#00	load A with 00
8005	PO		MOUX @ DPTR, A	moving value of A to mem
8006	12:80:16		LCALL DELAY	Calling Delay
8009	7F:01		MOU R2,# 01	load R7 with OIM
800B	B: 60:00		LCALL 6000	
800 €	€0		MOVX A, B DPTR	moving data from mem
800F	FF		MOV RT, A	Copy value of A to R7.
8010	12:60:90		L(ALL 6090	10
8013	07:80:00		LIMP LOOP	Jump to Loop
8016	78:01	DELAY	mov RO, # 10H	load 10H to Ro.
8018	79:FF	100P3	mov RI, # FFH	load RI with FFH
8010	og: FE	100P2	DIN 2 R1, LOOP 2	Deisement Ri and Jun
				loop 2 2/ R, 70
8010	D8:5A		DJN 2 R8, LOOP2	Delsement Ro and Ice
				to 100p1 if RO + D
Sole	22		RET	

Ext. N	0
Date:	Page No.
	RESULT:
	written and executed a
	written and executed 8051 program for 50 per ADC
-	



