Assignment	-02
71331g11110110	

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D: 011173 066

section: C

Course Code: 429 CSE 429

Opeode: 0011, Mnemonie: DSB, Action: A = A-2B

T4: B = RAM[MAR]; CE', LB'

Ts: A < A - B; L A'Sa En

To: A < A-B; LA', Su, Eu

CON = Cp. Ep. Im. CE. LI. ET. LA. FA. Su. Fu. Lo. Lo

0 0 1 0 1 1 1 0 00 0 0

11001111 Ts = 0 0 1 1 = 3CFH

0 0 1 1 1 = 3 CFA Opende: 0100, Mnemonie: RES, Action: A = 0 Ty: BEA. FA. LB DIOEFELLO: 96 Ts: A < A-B; LA, Su, Fu To: None; CON = Cp. Ep. Lm. CE. LI. EI. LA. EA. Su. Eu. LB. Lo  $T_{4} = 00 1 1 1 1 1 3 1 0 0 0 1$   $T_{4} = 3714$ T5 = 00 1 1 1 1 00 1 1 1 1 = 3 ef H 1 1 1 1 0 0 0 0 1 1

Control Rom

Address	Contents	Routine	Active
104	2 E 1 H	DSB	CE', LB'
	3 CFH		LA', Su, Eu
11 H	3 CFH		LA, Su, Fa
124	3F1H	RE3	EA, LB'
1312	3CF4		LA, Su, En
15H	3 E3 H		None

Address	Contents	Routine		
	0011	LDA		
0000		ADD		
0001	0110	SUB		
0010	1001			
0011	00010000	D3B		
0100	00010011	RES		
0101	$\times$ $\times$ $\times$	None		
	××××	None		
0116		None		
6111	$\times$	None		
1000	$\times$ $\times$ $\times$ $\times$			
	~~~ ~ ~ ~ ~ ~ ~	None		
1001	~ x xx			
1010	~ ~ ~ ~	None		
10 11	72027	None		
1100	××××	None		

Address	Con tents	Randine
1101	XXXX	None
	1100	OUT
1110	XXXX	None

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