1	ORG 0000H	54	MOV 30H,#00H	108	RRC A
2	SJMP MAIN	55	LJMP T0_END1	109	JC NEXT1
3	ORG 000BH	56	NEXT1_TIME0:CJNE A,#02H,	110	INC R4
4	AJMP TIME0		OPERATE;如果30H不等于	111	CJNE R4,#04H,LOOP
5	ORG 001BH		2, 跳转到操作OPERATE	112	NEXT1:PUSH ACC
6	AJMP TIME1	57	;如果30H等于2,则将30H清零,	113	MOV A,R4
7	ORG 0080H		返回中断	114	MOV B,#04H
8		58	MOV 30H,#00H	115	MUL AB
9	MAIN:	59	LJMP TO END1	116	MOV R5,A
10	MOV R1,#50H	60	K1:	117	POP ACC
11	LOOP MAIN:	61	INC 30H	118	
12	 MOV @R1,#00H	62	MOV A,30H	119	POP ACC
13	INC R1	63	CJNE A,#03H,T0_END1 ;如果	120	SWAP A
14	CJNE R1,#58H,LOOP_MAIN		30H没三次,则返回中断	121	MOV R4,#0H
15	MOV R1,#50H	64		122	LOOP2:
16	MOV 52H,#0DH		一个被按下	123	RRC A
17	MOV 55H,#0DH	65	MOV P1,#0FH	124	JC NEXT2
18		66	MOV A,P1	125	INC R4
19	MOV P2,#0FFH ;灯全灭	67	CPL A	126	CJNE R4,#04H,LOOP2
20	MOV P0,#0FFH;P0口的显示值	68	ANL A,#0FH	127	22 22., // 22.,2001 2
21	MOV 30H,#00H	69		128	NEXT2:MOV A,R5
22	MOV 31H,#0FFH	70	H4:	129	ADD A,R4
23	MOV TMOD,#11H	71	SETB P1.4	130	MOV 31H,A
24	MOV TH0,#0F8H	72	PUSH ACC	131	;返回中断
25	MOV TL0,#030H	73	ANL A,P1	132	, 2011
26	SETB EA	74	JZ H5	133	T0 END1:
27	SETB ET0	75	POP ACC	134	POP PSW
28	SETB TR0	76	SETB ACC.4	135	POP A
29	MOV TH1,#0F8H	77	LJMP LK	136	RETI
30	MOV TL1,#050H	78		137	
31	MOV 42H,#0FEH ;P2口的值	79		138	OPERATE:
32	MOV 43H,#00H	80	H5:	139	MOV 30H,#00H
33	MOV 44H,#01H	81	POP ACC	140	MOV 43H,#00H
34	MOV R0,#50H	82	SETB P1.5	141	MOV A,44H
35	MOV 4AH,#0CH	83	PUSH ACC	142	CJNE A,#0FFH,
36	MOV 4BH,#0FEH	84	ANL A,P1		NEXTX_OPERATE
37	SETB ET1	85	JZ H6	143	MOV R0,#50H
38	SETB TR1	86	POP ACC	144	MOV 44H,#01H
39	MOV DPTR,#TABLE	87	SETB ACC.5	145	
40	SJMP \$	88	LJMP LK	146	NEXTX_OPERATE:
41		89		147	MOV A, 31H
42	TIME0:	90	H6:	148	;判断31H的值
43	PUSH A	91	POP ACC	149	CJNE A,#08H,OPERATE1
44	PUSH PSW	92	SETB P1.6	150	MOV 44H,#01H
45	MOV TH0,#0F8H	93	PUSH ACC	151	MOV R0,#50H
46	MOV TL0,#030H	94	ANL A,P1	152	LJMP T0_END
47	LCALL KS	95	JZ H7	153	OPERATE1:CJNE A,#0BH,
48	JNZ K1;如果有按键按下,跳转到	96	POP ACC		OPERATE2
	K1	97	SETB ACC.6	154	MOV~44H, #0FFH
49	;如果没有按键按下,判断是什么情	98	LJMP LK	155	MOV 4AH,#0CH
	况下没有按下	99		156	MOV 4BH,#0FEH
50	MOV A,30H	100	H7:	157	MOV TH1,#0F8H
51	JZ T0_END1 ;如果30H为0,返	101	POP ACC	158	MOV TL1,#030H
	回中断	102	SETB ACC.7	159	LJMP T0_END
52		103		160	OPERATE2:CJNE A,#0CH,
02	CJNE A,#01H,NEXT1_TIME0				
02	;如果30H不等于1,跳转到操	104	LK:		OPERATE3
	;如果30H不等于1,跳转到操 作NEXT1_TIME0	104 105	MOV R4,#00H	161	PUSH A
53	;如果30H不等于1,跳转到操	104		161 162 163	

164	RR A	209	CJNE R0,#53H,OPERATE10	261	SJMP T1_END
165	CJNE R0,#4FH,	210	SJMP TO END	262	50Mi 11_END
	NEXT_OPERATE	211	OPERATE10:	263	COUNT0:
166	MOV R0,#57H	212	CJNE R0,#56H,OPERATE8	264	MOV A,44H
167	SJMP CONTINUE OPERATE		SJMP TO END	265	CJNE A,#0FFH,COUNT
168	NEXT OPERATE:CJNE R0	214	OPERATE8:	266	LCALL ADJUST TIME1
100	,#52H,	215	CJNE A,#09H,OPERATE6	267	COUNT:
	,#32H, NEXT2 OPERATE	216	MOV @R0,#09H	268	MOV A,@R1
160	<del>-</del>				CJNE A,#00H,COUNT1
169	DEC R0	217	LJMP TO_END	269	· · · · · ·
170	RR A	218	OPERATE6:	270	MOV A,#0AH
171	SJMP CONTINUE_OPERATE		INC A	271	SJMP COUNT3
172	NEXT2_OPERATE:CJNE R0	220	MOV @R0,A	272	COUNT1:
	,#55H,	221		273	CJNE A,#09H,COUNT2
	CONTINUE_OPERATE	222	T0_END:	274	MOV A,#09H
173	DEC R0	223	POP PSW	275	SJMP COUNT3
174	RR A	224	POP A	276	COUNT2:
175	CONTINUE_OPERATE:	225	RETI	277	CJNE A,#0DH,COUNT4
176	MOV 44H,A	226		278	MOV A,#0DH
177	POP A	227	;扫描显示罢了	279	SJMP COUNT3
178	LJMP T0_END	228	TIME1:	280	COUNT4:
179		229	PUSH A	281	DEC A
180	OPERATE3:CJNE A,#0FH,	230	PUSH PSW	282	COUNT3:
	OPERATE4	231	;扫描显示数码管,一个灯亮2ms	283	MOVC A,@A+DPTR
181	PUSH A	232	MOV TH1,#0F8H	284	MOV P0, A
182	MOV A,44H	233	MOV TL1,#030H	285	
183	INC R0	234		286	T1_END:
184	RL A	235	;数码管左移	287	POP PSW
185	CJNE R0,#58H,	236	MOV A,42H	288	POP A
	NEXT_OPERATE2	237	RL A	289	RETI
		000	3.5077.1977.1	000	
186	MOV R0,#50H	238	MOV 42H,A	290	
186 187	MOV R0,#50H SJMP	238 239	MOV 42H,A MOV P2,A	290 291	KS:
	SJMP	239	MOV P2,A		
	SJMP CONTINUE_OPERATE2	239		291	KS: MOV P1,#0FH; 将P1口的低四位 设置为高电平
187	SJMP CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0	239 240 241	MOV P2,A ;P0显示R1指向的值 INC R1	291 292	MOV P1,#0FH;将P1口的低四位 设置为高电平
187	SJMP  CONTINUE_OPERATE2  NEXT_OPERATE2:CJNE R0 ,#52H,	239 240 241 242	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1	291 292	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如
187 188	SJMP CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2	239 240 241 242 243	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H	291 292	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A
187 188 189	SJMP CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0	239 240 241 242	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前	<ul><li>291</li><li>292</li><li>293</li></ul>	MOV P1,#0FH; 将P1口的低四位 设置为高电平 MOV A,P1; 将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变
187 188 189 190	SJMP CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0 RL A	239 240 241 242 243	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指	<ul><li>291</li><li>292</li><li>293</li></ul>	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或,
187 188 189	SJMP CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0 RL A SJMP	239 240 241 242 243 244	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值	<ul><li>291</li><li>292</li><li>293</li></ul>	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再
187 188 189 190 191	SJMP  CONTINUE_OPERATE2  NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2  INC R0  RL A  SJMP  CONTINUE_OPERATE2	239 240 241 242 243 244 245	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1:	<ul><li>291</li><li>292</li><li>293</li><li>294</li></ul>	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0
187 188 189 190	SJMP  CONTINUE_OPERATE2  NEXT_OPERATE2:CJNE R0 ,#52H,  NEXT2_OPERATE2  INC R0 RL A  SJMP  CONTINUE_OPERATE2  NEXT2_OPERATE2	239 240 241 242 243 244 245 246	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H	<ul><li>291</li><li>292</li><li>293</li><li>294</li><li>295</li></ul>	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET
187 188 189 190 191	SJMP  CONTINUE_OPERATE2  NEXT_OPERATE2:CJNE R0 ,#52H,  NEXT2_OPERATE2  INC R0 RL A  SJMP  CONTINUE_OPERATE2  NEXT2_OPERATE2  NEXT2_OPERATE2:CJNE R0 ,#55H,	239 240 241 242 243 244 245 246 247	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNT0	291 292 293 294 295 296	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2*
187 188 189 190 191	SJMP CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0 RL A SJMP CONTINUE_OPERATE2 NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2	239 240 241 242 243 244 245 246 247	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNT0 ;特殊状况,当前为调试模式,且要	291 292 293 294 294 295 296 297	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1:
187 188 189 190 191 192	SJMP CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0 RL A SJMP CONTINUE_OPERATE2 NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2 INC R0	239 240 241 242 243 244 245 246 247	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNT0 ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之	291 292 293 294 295 296 297 298	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH
187 188 189 190 191 192	SJMP CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0 RL A SJMP CONTINUE_OPERATE2 NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2 INC R0 RL A	239 240 241 242 243 244 245 246 247	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之 间,P0为R1指向的值,否则	291 292 293 294 295 296 297 298 299	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H
187 188 189 190 191 192 193 194 195	CONTINUE_OPERATE2  NEXT_OPERATE2:CJNE R0 ,#52H,	239 240 241 242 243 244 245 246 247 248	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之 间,P0为R1指向的值,否则 P0为FFH	291 292 293 294 295 296 297 298 299 300	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H MOV 4AH,A
187 188 189 190 191 192 193 194 195 196	SJMP  CONTINUE_OPERATE2  NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2  INC R0 RL A  SJMP CONTINUE_OPERATE2  NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2  INC R0 RL A  CONTINUE_OPERATE2:MOV 44H,A	239 240 241 242 243 244 245 246 247 248	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之 间,P0为R1指向的值,否则 P0为FFH ;2*8*62=1 1s亮一下	291 293 294 295 296 297 298 299 300 301	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H MOV 4AH,A MOV A,4BH
187 188 189 190 191 192 193 194 195 196 197	SJMP  CONTINUE_OPERATE2  NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2  INC R0 RL A  SJMP CONTINUE_OPERATE2  NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2  INC R0 RL A  CONTINUE_OPERATE2:MOV 44H,A POP A	239 240 241 242 243 244 245 246 247 248 249 250	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之 间,P0为R1指向的值,否则 P0为FFH ;2*8*62=1 1s亮一下 INC 43H	291 292 293 294 295 296 297 298 299 300 301 302	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H MOV 4AH,A MOV A,4BH ADDC A,#00H
187 188 189 190 191 192 193 194 195 196 197 198	SJMP  CONTINUE_OPERATE2  NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2  INC R0 RL A  SJMP CONTINUE_OPERATE2  NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2  INC R0 RL A  CONTINUE_OPERATE2:MOV 44H,A	239 240 241 242 243 244 245 246 247 248 249 250 251	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之 间,P0为R1指向的值,否则 P0为FFH ;2*8*62=1 1s亮一下 INC 43H MOV A,43H	291 293 294 295 296 297 298 299 300 301 302 303	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H MOV 4AH,A MOV A,4BH ADDC A,#00H MOV 4BH,A
187 188 189 190 191 192 193 194 195 196 197 198 199	SJMP  CONTINUE_OPERATE2  NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2  INC R0 RL A  SJMP  CONTINUE_OPERATE2  NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2  INC R0 RL A  CONTINUE_OPERATE2: MOV 44H,A POP A LJMP T0_END	239 240 241 242 243 244 245 246 247 248 249 250	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之 间,P0为R1指向的值,否则 P0为FFH ;2*8*62=1 1s亮一下 INC 43H MOV A,43H CJNE A,#03EH,	291 293 294 295 296 297 298 299 300 301 302 303 304	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H MOV 4AH,A MOV A,4BH ADDC A,#00H MOV 4BH,A ;如果进位了,说明1S已经到了
187 188 189 190 191 192 193 194 195 196 197 198	CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0 RL A SJMP CONTINUE_OPERATE2 NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2 INC R0 RL A CONTINUE_OPERATE2:MOV 44H,A POP A LJMP T0_END  OPERATE4:CJNE A,#0AH,	239 240 241 242 243 244 245 246 247 248 249 250 251 252	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之 间,P0为R1指向的值,否则 P0为FFH ;2*8*62=1 1s亮一下 INC 43H MOV A,43H CJNE A,#03EH, NEXT2_TIME1	291 293 294 295 296 297 298 299 300 301 302 303 304 305	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H MOV 4AH,A MOV A,4BH ADDC A,#00H MOV 4BH,A ;如果进位了,说明1S已经到了 JC NEXT_ADJUST_TIME1
187 188 189 190 191 192 193 194 195 196 197 198 199 200	CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0 RL A SJMP CONTINUE_OPERATE2 NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2 INC R0 RL A CONTINUE_OPERATE2:MOV 44H,A POP A LJMP T0_END  OPERATE4:CJNE A,#0AH, OPERATE5	239 240 241 242 243 244 245 246 247 248 249 250 251 252	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之 间,P0为R1指向的值,否则 P0为FFH ;2*8*62=1 1s亮一下 INC 43H MOV A,43H CJNE A,#03EH, NEXT2_TIME1 MOV 43H,#00H	291 293 294 295 296 297 298 299 300 301 302 303 304 305 306	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H MOV 4AH,A MOV A,4BH ADDC A,#00H MOV 4BH,A ;如果进位了,说明1S已经到了 JC NEXT_ADJUST_TIME1 RET
187 188 189 190 191 192 193 194 195 196 197 198 199 200 201	CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0 RL A SJMP CONTINUE_OPERATE2 NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2 INC R0 RL A CONTINUE_OPERATE2:MOV 44H,A POP A LJMP T0_END  OPERATE4:CJNE A,#0AH, OPERATE5 MOV @R0,#00H	239 240 241 242 243 244 245 246 247 248 249 250 251 252	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0-31之 间,P0为R1指向的值,否则 P0为FFH ;2*8*62=1 1s完一下 INC 43H MOV A,43H CJNE A,#03EH, NEXT2_TIME1 MOV 43H,#00H SJMP COUNT	291 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H MOV 4AH,A MOV A,4BH ADDC A,#00H MOV 4BH,A ;如果进位了,说明1S已经到了 JC NEXT_ADJUST_TIME1 RET NEXT_ADJUST_TIME1:
187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202	CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0 RL A SJMP CONTINUE_OPERATE2 NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2 INC R0 RL A CONTINUE_OPERATE2:MOV 44H,A POP A LJMP T0_END  OPERATE4:CJNE A,#0AH, OPERATE5	239 240 241 242 243 244 245 246 247 248 249 250 251 252	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之 间,P0为R1指向的值,否则 P0为FFH ;2*8*62=1 1s亮一下 INC 43H MOV A,43H CJNE A,#03EH, NEXT2_TIME1 MOV 43H,#00H SJMP COUNT NEXT2_TIME1:CJNE A,#01	291 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H MOV 4AH,A MOV A,4BH ADDC A,#00H MOV 4BH,A ;如果进位了,说明1S已经到了 JC NEXT_ADJUST_TIME1 RET NEXT_ADJUST_TIME1: MOV 4AH,#0CH
187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203	SJMP CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0 RL A SJMP CONTINUE_OPERATE2 NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2 INC R0 RL A CONTINUE_OPERATE2:MOV 44H,A POP A LJMP T0_END  OPERATE4:CJNE A,#0AH, OPERATE5 MOV @R0,#00H LJMP T0_END	239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之 间,P0为R1指向的值,否则 P0为FFH ;2*8*62=1 1s完一下 INC 43H MOV A,43H CJNE A,#03EH, NEXT2_TIME1 MOV 43H,#00H SJMP COUNT NEXT2_TIME1:CJNE A,#01 FH,NEXT3_TIME1	291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H MOV 4AH,A MOV A,4BH ADDC A,#00H MOV 4BH,A ;如果进位了,说明1S已经到了 JC NEXT_ADJUST_TIME1 RET NEXT_ADJUST_TIME1: MOV 4AH,#0CH MOV 4BH,#0FEH
187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204	SJMP CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0 RL A SJMP CONTINUE_OPERATE2 NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2 INC R0 RL A CONTINUE_OPERATE2: MOV 44H,A POP A LJMP T0_END  OPERATE4:CJNE A,#0AH, OPERATE5 MOV @R0,#00H LJMP T0_END  OPERATE5:JNC T0_END	239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之 间,P0为R1指向的值,否则 P0为FFH ;2*8*62=1 1s亮一下 INC 43H MOV A,43H CJNE A,#03EH, NEXT2_TIME1 MOV 43H,#00H SJMP COUNT NEXT2_TIME1:CJNE A,#01 FH,NEXT3_TIME1 MOV P0,#0FFH	291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H MOV 4AH,A MOV A,4BH ADDC A,#00H MOV 4BH,A ;如果进位了,说明1S已经到了 JC NEXT_ADJUST_TIME1 RET NEXT_ADJUST_TIME1: MOV 4AH,#0CH MOV 4BH,#0FEH MOV A,57H
187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205	CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0 RL A SJMP CONTINUE_OPERATE2 NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2 INC R0 RL A CONTINUE_OPERATE2:MOV 44H,A POP A LJMP T0_END  OPERATE4:CJNE A,#0AH, OPERATE5 MOV @R0,#00H LJMP T0_END  OPERATE5:JNC T0_END CJNE A,#04H,OPERATE7	239 240 241 242 243 244 245 246 247 248 250 251 252 253 254 255 256 257	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之 间,P0为R1指向的值,否则 P0为FFH ;2*8*62=1 1s完一下 INC 43H MOV A,43H CJNE A,#03EH, NEXT2_TIME1 MOV 43H,#00H SJMP COUNT NEXT2_TIME1:CJNE A,#01 FH,NEXT3_TIME1	291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H MOV 4AH,A MOV A,4BH ADDC A,#00H MOV 4BH,A ;如果进位了,说明1S已经到了 JC NEXT_ADJUST_TIME1 RET NEXT_ADJUST_TIME1: MOV 4AH,#0CH MOV 4BH,#0FEH MOV A,57H INC A
187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206	CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0 RL A SJMP CONTINUE_OPERATE2 NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2 INC R0 RL A CONTINUE_OPERATE2:MOV 44H,A POP A LJMP T0_END  OPERATE4:CJNE A,#0AH, OPERATE5 MOV @R0,#00H LJMP T0_END  OPERATE5:JNC T0_END CJNE A,#04H,OPERATE7 SJMP OPERATE6	239 240 241 242 243 244 245 246 247 248 250 251 252 253 254 255 256 257 258	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之 间,P0为R1指向的值,否则 P0为FFH ;2*8*62=1 1s亮一下 INC 43H MOV A,43H CJNE A,#03EH, NEXT2_TIME1 MOV 43H,#00H SJMP COUNT NEXT2_TIME1:CJNE A,#01 FH,NEXT3_TIME1 MOV P0,#0FFH SJMP T1_END	294 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H MOV 4AH,A MOV A,4BH ADDC A,#00H MOV 4BH,A ;如果进位了,说明1S已经到了 JC NEXT_ADJUST_TIME1 RET NEXT_ADJUST_TIME1: MOV 4AH,#0CH MOV 4BH,#0FEH MOV A,57H INC A MOV 57H,A
187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205	CONTINUE_OPERATE2 NEXT_OPERATE2:CJNE R0 ,#52H, NEXT2_OPERATE2 INC R0 RL A SJMP CONTINUE_OPERATE2 NEXT2_OPERATE2:CJNE R0 ,#55H, CONTINUE_OPERATE2 INC R0 RL A CONTINUE_OPERATE2:MOV 44H,A POP A LJMP T0_END  OPERATE4:CJNE A,#0AH, OPERATE5 MOV @R0,#00H LJMP T0_END  OPERATE5:JNC T0_END CJNE A,#04H,OPERATE7	239 240 241 242 243 244 245 246 247 248 250 251 252 253 254 255 256 257	MOV P2,A ;P0显示R1指向的值 INC R1 CJNE R1,#58H,NEXT_TIME1 MOV R1,#50H ;如果当前状态是计数,且不是当前 指针指向的位置,显示R1指 向的值 NEXT_TIME1: ANL A,44H JNZ COUNTO ;特殊状况,当前为调试模式,且要 显示被调试数43H在0~31之 间,P0为R1指向的值,否则 P0为FFH ;2*8*62=1 1s亮一下 INC 43H MOV A,43H CJNE A,#03EH, NEXT2_TIME1 MOV 43H,#00H SJMP COUNT NEXT2_TIME1:CJNE A,#01 FH,NEXT3_TIME1 MOV P0,#0FFH	291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311	MOV P1,#0FH;将P1口的低四位 设置为高电平 MOV A,P1;将P1口的值赋给A,如 果在这个瞬间有按键按下,A 的值会改变 XRL A,#0FH;将A与0FH异或, 如果有按键按下,A的值不再 是#01FH,最后结果A不为0 RET ;2* ADJUST_TIME1: MOV A,4AH ADD A,#01H MOV 4AH,A MOV A,4BH ADDC A,#00H MOV 4BH,A ;如果进位了,说明1S已经到了 JC NEXT_ADJUST_TIME1 RET NEXT_ADJUST_TIME1: MOV 4AH,#0CH MOV 4BH,#0FEH MOV A,57H INC A

315	MOV A,56H	327	MOV 53H,A	339	MOV 50H,#00H
316	INC A	328	CJNE A,#06H,ADJUST_RET	340	ADJUST_RET:
317	MOV 56H,A	329	MOV 53H,#00H	341	RET
318	CJNE A,#06H,ADJUST_RET	330	MOV A,51H	342	
319	MOV 56H,#00H	331	INC A	343	TABLE:
320	MOV A,54H	332	MOV 51H,A	344	DB 7EH,0A2H,62H,74H
321	INC A	333	CJNE A,#0AH,ADJUST_RET	345	DB 61H,21H,7AH,20H
322	MOV 54H,A	334	MOV 51H,#00H	346	DB 30H,60H,28H,25H,
323	CJNE A,#0AH,ADJUST_RET	335	MOV A,50H	347	DB 0A9H,0F7H,0A1H,0B1H
324	MOV 54H,#00H	336	INC A	348	
325	MOV A,53H	337	MOV 50H,A	349	END
326	INC A	338	CJNE A,#0AH,ADJUST RET		