

8051 指令集－ 3 Byte 指令整理 1

	0	1	2	3	4	5	6	7
0		JBC bit, rel [3B, 2C]	JB bit, rel [3B, 2C]	JNB bit, rel [3B, 2C]				
1								
2	LJMP addr16 [3B, 2C]	LCALL addr16 [3B, 2C]						
3					ORL dir, #data [3B, 2C]	ANL dir, #data [3B, 2C]	XRL dir, #data [3B, 2C]	
4								
5								MOV dir, #data [3B, 2C]
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								

Note: [2B]=2 Byte, [3B]=3Byte, [2C]=2Cycle, [4C]=4 Cycle, Blank=1 byte/1 cycle

8051 指令集－3 Byte 指令整理 2

	8	9	A	B	C	D	E	F
0		MOV DPTR, #data 16 [3B, 2C]						
1								
2								
3								
4				CJNE A, #data, rel [3B, 2C]				
5	MOV dir, dir [3B, 2C]			CJNE A, dir, rel [3B, 2C]		DJNZ dir, rel [3B, 2C]		
6				CJNE @R0, #data, rel [3B, 2C]				
7				CJNE @R1, #data, rel [3B, 2C]				
8				CJNE R0, #data, rel [3B, 2C]				
9				CJNE R1, #data, rel [3B, 2C]				
A				CJNE R2, #data, rel [3B, 2C]				
B				CJNE R3, #data, rel [3B, 2C]				
C				CJNE R4, #data, rel [3B, 2C]				
D				CJNE R5, #data, rel [3B, 2C]				
E				CJNE R6, #data, rel [3B, 2C]				
F				CJNE R7, #data, rel [3B, 2C]				

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