

34	6	vui	menc	Circuit	Table o	Wk 50 * 347-018
Section of the second	5,	50	Cin	InputY	Output D	Operation performed
Secretary of	0	0	0	0	.A	Transfer A
-	0	0	1	0	A+1	Increment A
Section 2	0	(0	В	A+B	Add
A STATE STAT	0	1	1	В	A+13+1	Add with Cavery
Description of the last of the	1	0	0	B '	A+B'	Subtract with Borrow
-	1	0	1	B	A+B1+1	Subtract
-		1	0	1	A - I	Decrement A
-	1	}		1	A	Transfer A
+	Lo	gic	Unit			
+	Lo	ogic_			X	
+ X	Lo	9	0	Ч	X I	D
+	Lo	AN	0 —	Ч	X I VX	
X	Lo	AN	0	Ч	X I VX	
+	Lo	AN OI XO	0	Ч	X I V X	
*	Lo	AN OI XO	0	Ч	X I VX	
*	Lo	AN OI XO	0	Ч	XI VX	 A contract of the contract of the
*	Lo	AN OI XO	0	Ч	XI VX	
*		AN OI XO	R	Ч	1 5 0	

Wk 50 • 3	Marrie .			
8	5,	50	Output	Operation Performed
				Y
9	0	0	A ^B	AND
	0	-	A V 13	OR
10	- (0	A 🟵 13	XOR
11	· ·	-	Ā	NOT
11				
12				
X	Shift	Init o	_	
1	127		z .	
		0	P	
2				
		A lat	4x1	Α*
3		Air	MUX	— Pc
4		A:-1-		
*				
5			5, 50	
*	Shilt	unit C	irait table:	
	-		~	
	S,	So	Operation	on Performed
	0	0	(1'01 1	
	0	0	Shift L	eft
		1	Chilt I	
	0	0	Shift 1	aght
	1		Circular	Shift leight
			Creaming	sult raght
	We	re in a race betw	een cooperation and catastrophe,	and the threat is outrunning our response.

8 X	Arut	hmetic	Shift Tal	de :
9	5.		Ope	ration Performed
10			Arth Shift Feft Arth Shift Right	
12 *	Com	plete	ALS uni	t Table :-
1	5,	S.	Cin	Operation Performed.
2	0	0	0	Transfer A
	0	0	q	Increment A
3	0	(0	Add .
	0	1	(Add with Carry
1	1	0	0	Subtract with Borrow
	1	0	1	Subtract &
1	1	1	6	Decrement A
3	1	1	1	Teransfer A
-		A	X	AND
+	0	0	Y	DR
+	0		1	XOR
-	1	0	X	NOT
1	1	1	X	Shift Left
1	0	0		Shift Right
1	0	1	X	Tin Shift Left
1	1	0		1 /in Chilt Right
1	-		×	
1	1	1	X	nd confidence are an unconquered army. Arth Shift Right
	1	1	X Skill at	nd pullidon