

TX-0

1958

4k memory

2 3 4

0 1	000	001	010	011	100	101	110	111
00	STO							
01	ADD							
10	TRN							
11	OPR - See other tables							

6 7 8

4 5	000	001	010	011	100	101	110	111
00								
01								
10	IOS	R1L	DIS	R3L	PNT		P6H	P7H
11	HLT							

	2	3	9	10	11	12	13	14	15	16	17
7											
8	1 CLL	1 CLR									
1					1 PEN				0		
					0				1 TAC		
2						1 COM				0 AMB	1
										1 TBR	1
3			0 MBL	1						1 LMB	0
4			1 SHR	0			1 PAD				
			1 CYR	1							
7								1 CRY			

TX-0

July 1960
8k memory

2 3 4

0 1	000	001	010	011	100	101	110	111
00	STO				SLR			
01	ADD				LLR			
10	TRN				TRA			
11	OPR - See other tables							

6 7 8

4 5	000	001	010	011	100	101	110	111
00	NOP							
01	EX0	EX1	EX2	EX3	EX4	EX5	EX6	EX7
10		R1L	DIS	R3L	PNT		P6H	P7H
11	HLT							

	2	3	9	10	11	12	13	14	15	16	17
7											
8	1 CLL	1 CLR									

1					1 PEN				0		
					0				1 TAC		
2						1 COM				0 AMB	1
										1 TBR	1
3				0 MBL	1					1 LMB	0
				0 ORL	0	1			1		
				0 ANL	1	1			1		
4				1 SHR	0				1 PAD		
				1 CYR	1						
7									1 CRY		

TX-0

June 1961
8k memory

2 3 4

0 1	000	001	010	011	100	101	110	111
00	STO				SLR			
01	ADD				LLR			
10	TRN				TRA			
11	OPR - See other tables							

6 7 8

4 5	000	001	010	011	100	101	110	111
00	NOP	TAC	TBR	PEN	SEL		RPF	SPF
01	EX0	EX1	EX2	EX3	EX4	EX5	EX6	EX7
10	CPY	R1L	DIS	R3L	PRT	TYP	P6H	P7H
11	HLT	CLL	CLR					

	2	3	9	10	11	12	13	14	15	16	17
7		1 AMB									
8	1 CLA										
2						1 COM					
3									1 0 1 ORB		
									1 1 1 ANB		
4			0 1 X MBL						0 1 X LMB		
5			1 0 0 SHR				1 PAD				
			1 1 0 CYR								
7								1 CRY			

TX-0

September 1965

8k memory

2 3 4

0 1	000	001	010	011	100	101	110	111
00	STO	STX	SXA	ADO	SLR	SLX	STZ	
01	ADD	ADX	LDX	AUX	LLR	LLX	LDA	LAX
10	TRN	TZE	TAX	TIX	TRA	TRX	TLV	(TPL)
11	OPR - See other tables							

6 7 8

4 5	000	001	010	011	100	101	110	111
00	NOP	TAC	TBR	PEN	SEL		RPF	SPF
01	EX0	EX1	EX2	EX3	EX4	EX5	EX6	EX7
10	CPY	R1L	DIS	R3L	PRT	TYP	P6H	P7H
11	HLT	CLL	CLR					

	2	3	9	10	11	12	13	14	15	16	17
7		1 AMB									
8	1 CLA										
2			0 XMB	X	1	1 COM					
3									1 ORB	0	1
4			0 MBL	1	X				1 ANB	1	1
5							1 PAD				
6			1 SHR	0	0						
			1 CYR	1	0						
7								1 CRY			
8									0 MBX	X	1