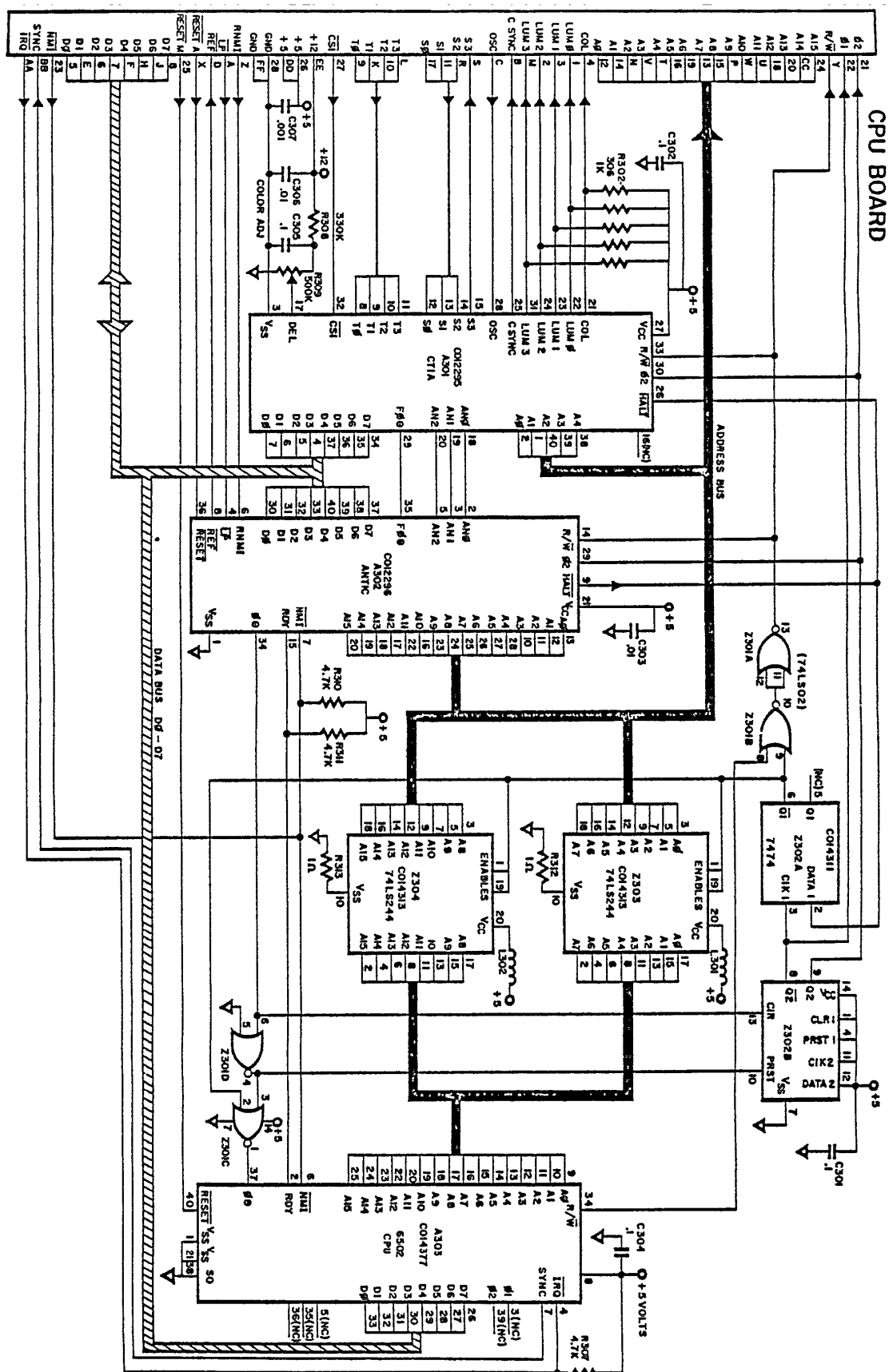




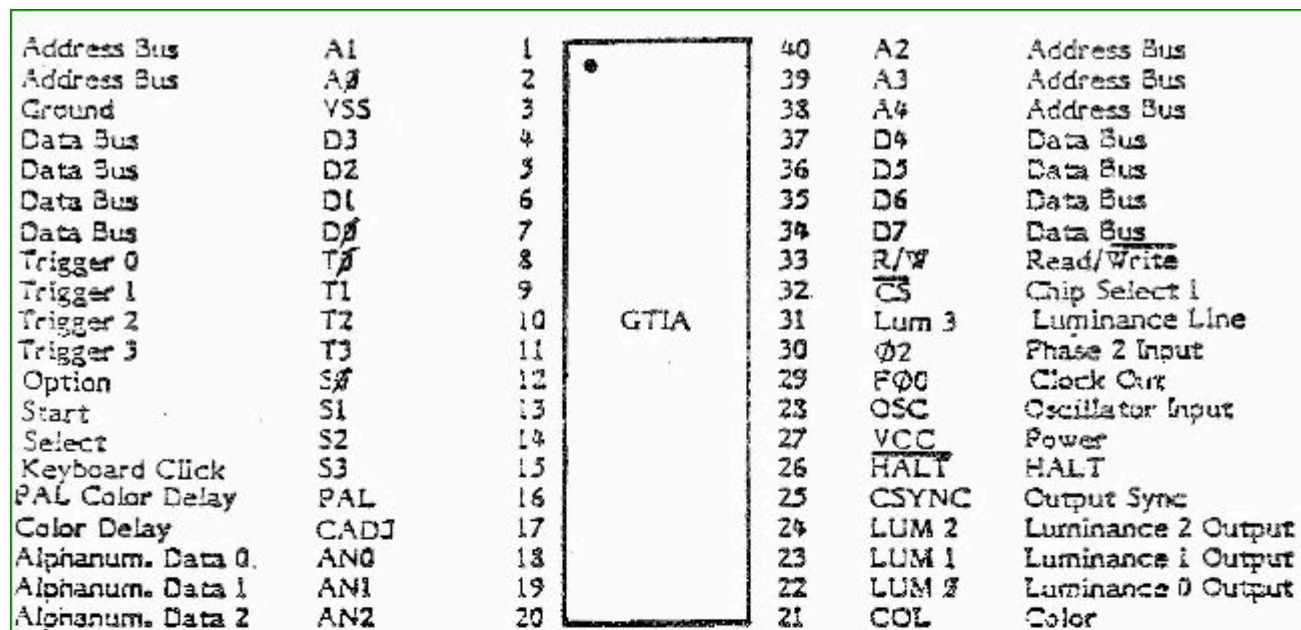


Figure 1-5. GTIA Pin Assignments

POT KEYboard Integrated Circuit (POKEY)

The POKEY is a custom Large Scale Integrated circuit (LSI) chip. It is used for audio generation, Serial Input/Output (SIO) Data and Clocks, POT Controller interface scan, and keyboard scan.

Figure 1-6 is an illustration of the POKEY pin assignments.

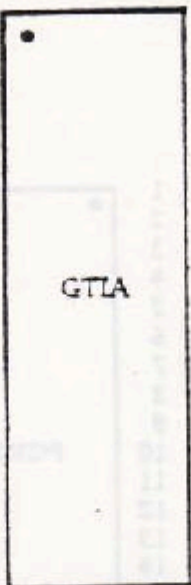
Address Bus	A1	1		40	A2	Address Bus
Address Bus	A0	2		39	A3	Address Bus
Ground	VSS	3		38	A4	Address Bus
Data Bus	D3	4		37	D4	Data Bus
Data Bus	D2	5		36	D5	Data Bus
Data Bus	D1	6		35	D6	Data Bus
Data Bus	D0	7		34	D7	Data Bus
Trigger 0	T0	8		33	R/W	Read/Write
Trigger 1	T1	9		32	CS	Chip Select 1
Trigger 2	T2	10		31	Lum 3	Luminance Line
Trigger 3	T3	11		30	Q2	Phase 2 Input
Option	S0	12		29	F00	Clock Out
Start	S1	13		28	OSC	Oscillator Input
Select	S2	14		27	VCC	Power
Keyboard Click	S3	15		26	HALT	HALT
PAL Color Delay	PAL	16		25	CSYNC	Output Sync
Color Delay	CADJ	17		24	LUM 2	Luminance 2 Output
Alphanum. Data 0	AN0	18		23	LUM 1	Luminance 1 Output
Alphanum. Data 1	AN1	19		22	LUM 0	Luminance 0 Output
Alphanum. Data 2	AN2	20		21	COL	Color

Figure 1-5. GTIA Pin Assignments

POT KEYboard Integrated Circuit (POKEY)

The POKEY is a custom Large Scale Integrated circuit (LSI) chip. It is used for audio generation, Serial Input/Output (SIO) Data and Clocks, POT Controller interface scan, and keyboard scan.

Figure 1-6 is an illustration of the POKEY pin assignments.

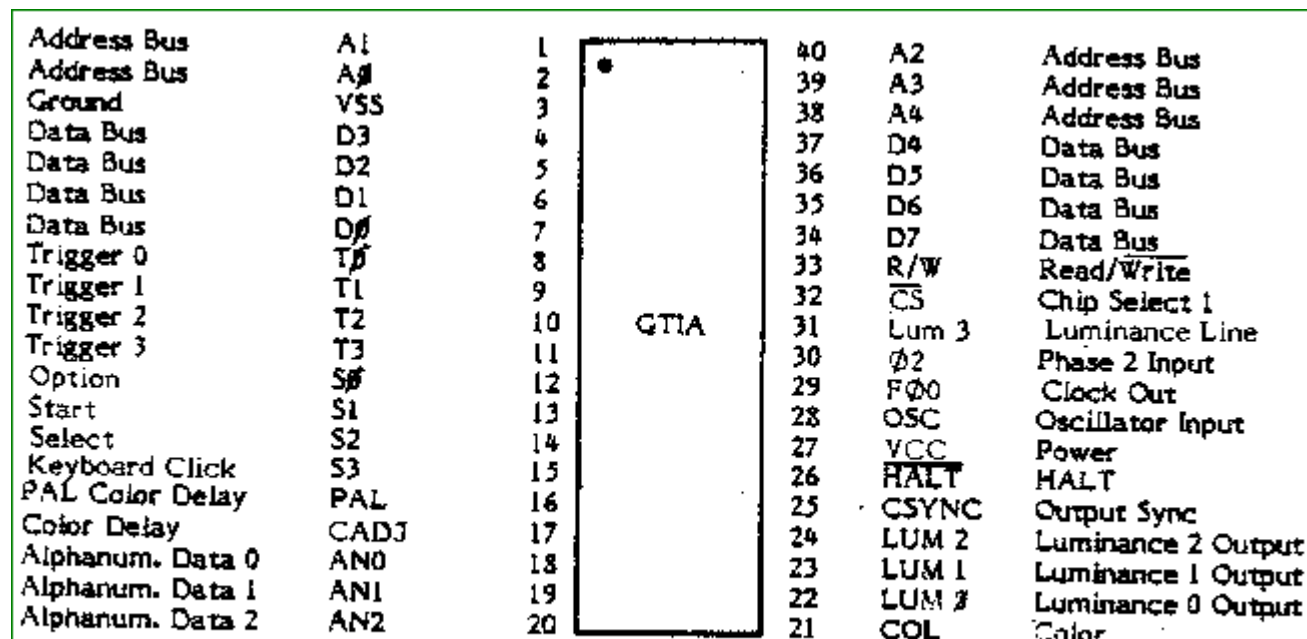


Figure 1-6. GTIA Pin Assignments.

POT Keyboard Integrated Circuit (POKEY)

The POKEY is a Custom Large Scale Integrated Circuit (LSI) chip. It is used for audio generation, Serial Input/Output (SIO) control, controller interface scan, and keyboard scan.

Figure 1-7 is an illustration of the POKEY pin assignments.