

SGND	SHIELD
DGND	DIGITAL
VGND	VIDEO
AGND	AUDIO

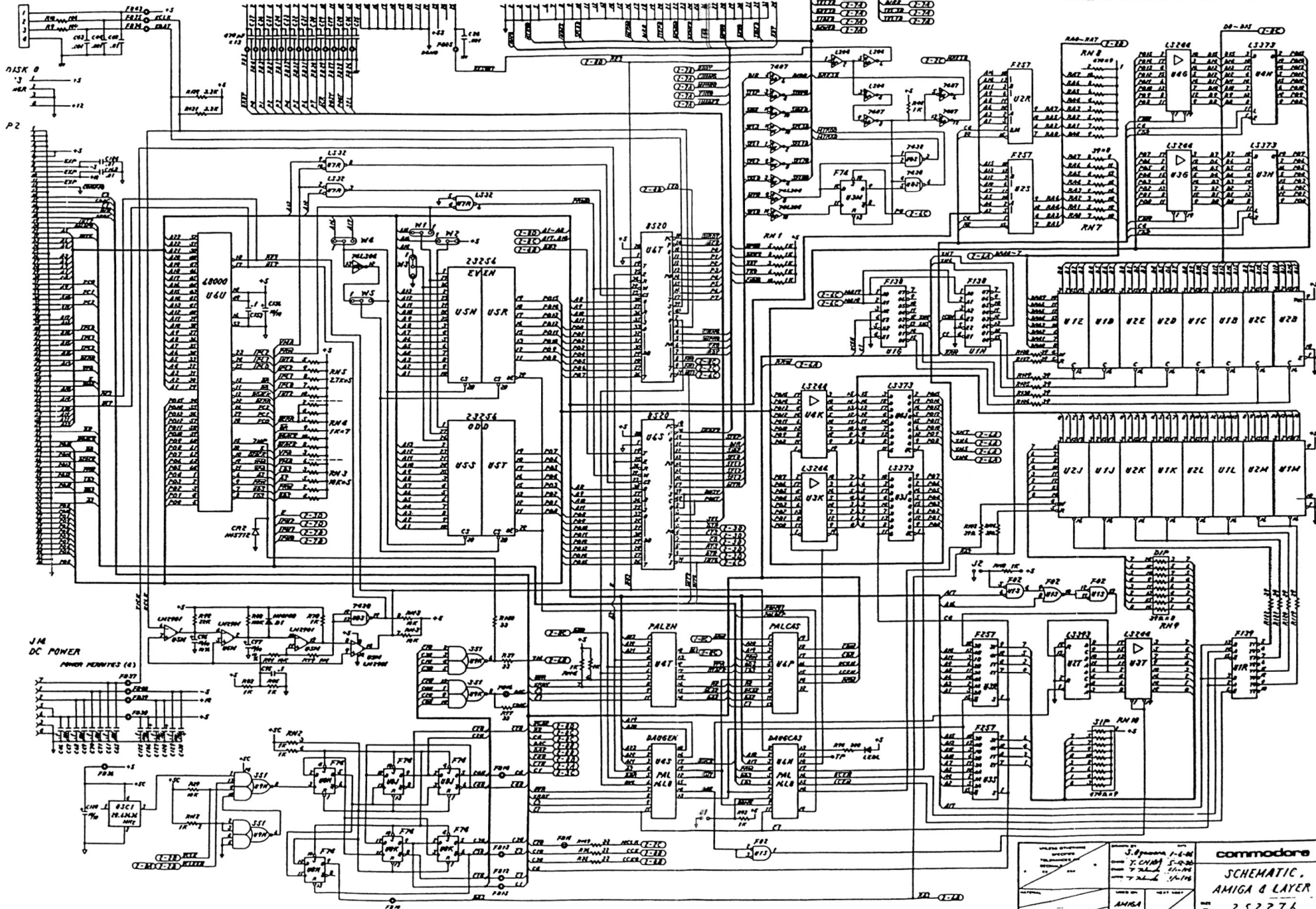
① = THIS IC MOVED UP TO RAM ROM BOARD.

RAM EXPANSION P1

UNLESS OTHERWISE SPECIFIED TOLERANCES ON DECIMALS ARE:	<table border="1"> <tr> <td>RESISTOR</td> <td>1% 5% 10%</td> </tr> <tr> <td>CAPACITOR</td> <td>1% 5% 10%</td> </tr> <tr> <td>INDUCTOR</td> <td>1% 5% 10%</td> </tr> </table>	RESISTOR	1% 5% 10%	CAPACITOR	1% 5% 10%	INDUCTOR	1% 5% 10%	<table border="1"> <tr> <td>DATE</td> <td>12/28/85</td> </tr> <tr> <td>DESIGNED BY</td> <td>J. O'NEILL</td> </tr> <tr> <td>CHECKED BY</td> <td></td> </tr> <tr> <td>APP'D</td> <td></td> </tr> </table>	DATE	12/28/85	DESIGNED BY	J. O'NEILL	CHECKED BY		APP'D		<b>comodore</b> SCHEMATIC, AMIGA SIZE D 328015 SCALE NONE SHEET 1 OF 1
RESISTOR	1% 5% 10%																
CAPACITOR	1% 5% 10%																
INDUCTOR	1% 5% 10%																
DATE	12/28/85																
DESIGNED BY	J. O'NEILL																
CHECKED BY																	
APP'D																	







DESIGNED BY DRAWN BY CHECKED BY DATE	J. Thompson 1-6-85 C. Chang 5-2-85 T. Walsh 11/16 DATE	<b>commodore</b> SCHEMATIC AMIGA 6 LAYER D 252276 A REVISED PER PCB 254840, PRODUCTION RELEASE 4-2-85 V4
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PART NO.	APPROVED VENDOR	VENDOR PART NO.	LANGUAGE
327063-01	MITSUMI	R56 2144	ENGLISH
-02			BRITISH
-03		R56 2153	GERMAN
-04		R56 2152	FRENCH
327063-05	MITSUMI	R56 2154	ITALIAN

REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	APPROVED
A		PRODUCTION RELEASE	18 Jun 85	WLL
B		REVISED PER ECO #60239	4/6/86	771/L

5: SHEET 2 IS D SIZE.

4-3.

	MIN	R	MAX	UNIT
V <sub>F</sub> I <sub>F</sub> = 10 mA	-	2.1	3.9	V
I <sub>R</sub> V <sub>R</sub> = 3V	-	-	10	mA
I <sub>V</sub> I <sub>F</sub> = 10 mA	3.6	12.0	-	msec (TA = 25°C)
2P I <sub>F</sub> = 10 mA	-	635	-	nm
Δλ I <sub>F</sub> = 10 mA	-	49	-	nm

4-2. P<sub>D</sub>: 60 mW  
 I<sub>F</sub>: 20 mA  
 V<sub>R</sub>: 3V (TA = 25°C)  
 T<sub>OPR</sub>: -25°C TO +85°C  
 T<sub>STG</sub>: -30°C TO +100°C

4-1. COLOR:  
 4. LED SPECIFICATION

3-3. STORAGE TEMPERATURE RANGE: -40°C TO +45°C  
 3-2. OPERATING TEMPERATURE RANGE: -5°C TO +55°C  
 3-1. OPERATION LIFE: 10,000,000 TIMES (12VDC, 5mA)

5. ENDURANCE SPECIFICATION

(1) KEY CAPS:

KEY TOP COLOR	BODY	LEGEND
ESC, DEL F1 - F10	CYCOLAC J3472	PANTONE 433C
OTHER KEY	CYCOLAC J3596	PANTONE 433C
SPACE KEY	CYCOLAC J3596	-
A . A	CYCOLAC J3596	PANTONE 200U

2-6. COLORS

2-5. TEXTURE: ALL EXTERIOR SURFACES TO BE TEXTURED  
 BEALON BK-105B OR EQUIV.

(2) ARTWORK: TO BE PROVIDED BY COMMODORE.

(1) STYLE: SUBLIMATION PRINTED, STEPPED  
 SCULPTURED KEYS.

2-4. KEY CAP

2-3. FULL TRAVEL: 4 ± 0.5 mm

2-2. OPERATING POINT:

FULL TRAVEL	OFF REGION	INTERMEDIATE REGION	ON REGION
✓	✓	✓	✓

(2) MAXIMUM FORCE: 60 ± 20 GR (EXCEPT SP KEY,  
 RETURN KEY & SHIFT KEY)

(1) OPERATING FORCE: 50 GR TYPICAL

2-1. FORCE

2. MECHANICAL SPECIFICATION

1-4. CIRCUIT: MAKE CONTACT, 1 CIRCUIT

1-5. WITHSTAND VOLTAGE: 250V AC, 1 MINUTE

1-4. INSULATION RESISTANCE: 50MΩ MIN. (AT 250V DC)

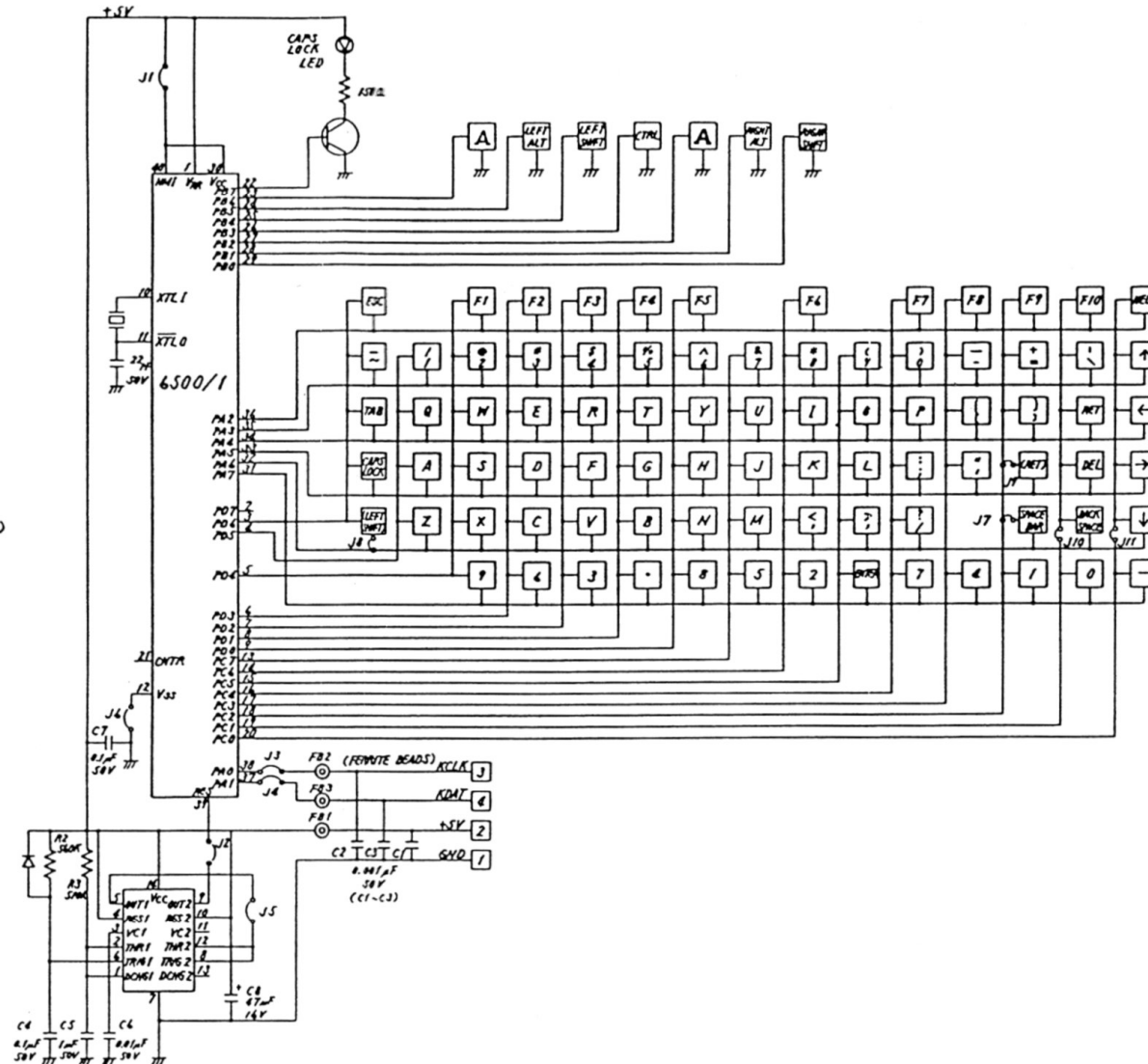
1-3. CONTACT RESISTANCE: 300MΩ MAX. (AT 10 MILLION TIMES  
 OPERATION, 5Ω MAX.)

1-2. CONTACT BOUNCE: 5 m SEC. MAX. (AT NORMAL PUSHING)

1-1. MAXIMUM RATING: 12V DC, 5mA

1. ELECTRICAL SPECIFICATION

NOTES - UNLESS OTHERWISE SPECIFIED:



-01 SHOWN

UNLESS OTHERWISE SPECIFIED		DRAWN BY		DATE	
TOLERANCES ARE DECIMALS UNLESS OTHERWISE SPECIFIED		R. J. da		6-28-85	
MATERIAL		CHKD		6/28/85	
FINISH		ENGR		4/1/86	
		APPN		T. J. da	
		USED ON		NEXT ASSY	
		AMIGA		327158	
		1000			
				commodore	
				KEYBOARD ASSY, AMIGA	
				SIZE C 327063	
				SCALE NONE SHEET 1 OF 1	

THIRD ANGLE SYSTEM DIMENSION