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FLIP CHIP®

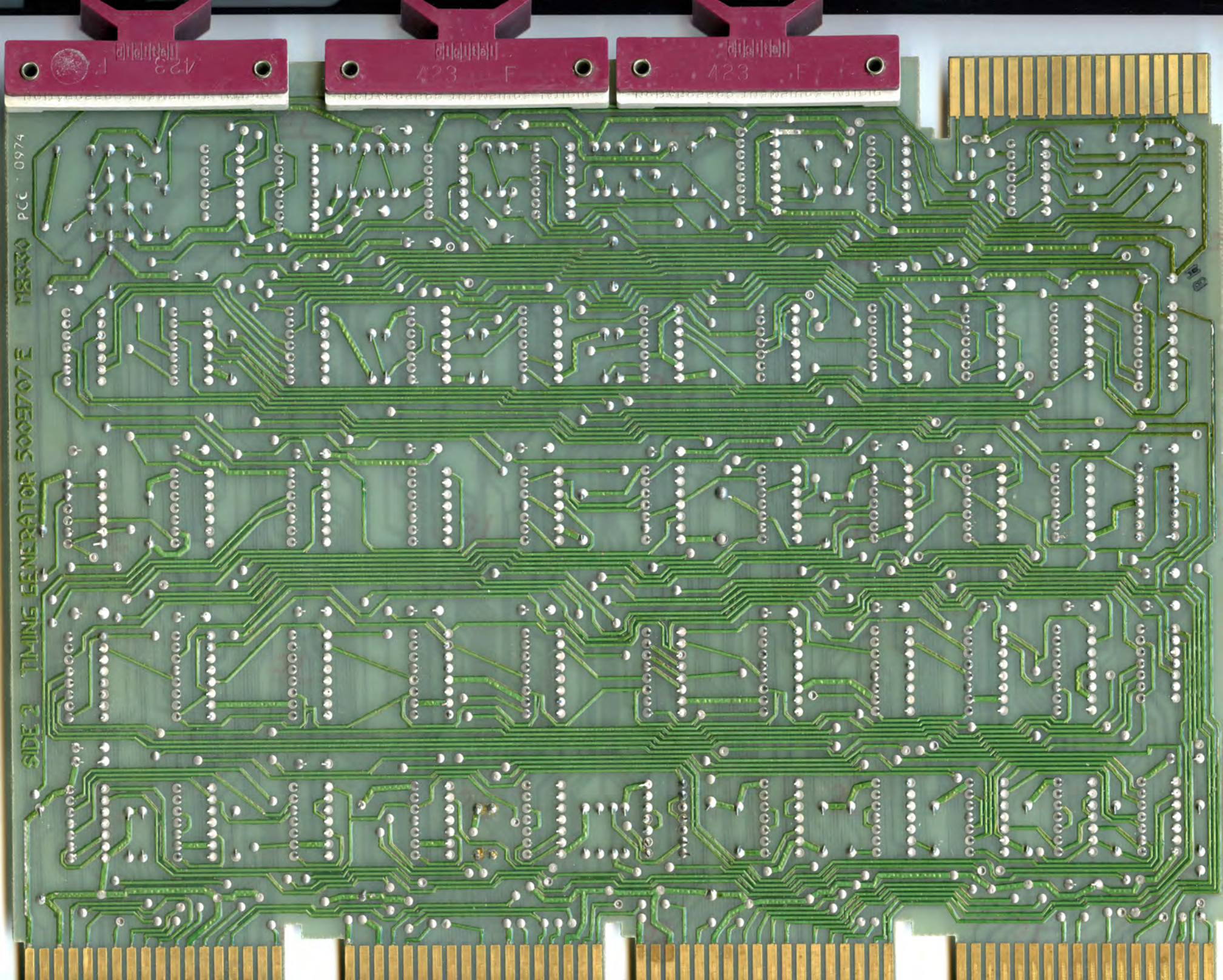
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The main area of the PCB is populated with a dense array of components. It features numerous integrated circuits, including several 7415 (S7415) and 7416 (S7416) inverters, 7402N (S7402N) NAND gates, 7400N (S7400N) NAND gates, 7410N (S7410N) NAND gates, 7412 (S7412) NOR gates, 7413 (S7413) NOR gates, 7414 (S7414) monostable multivibrators, 7418 (S7418) decade counters, 7420 (S7420) full adders, and 7429 (S7429) BCD-to-decimal decoders. Additionally, there are several 7434 (S7434) monostable multivibrators, 7439 (S7439) BCD-to-decimal decoders, 7440 (S7440) BCD-to-decimal decoders, and 7441 (S7441) BCD-to-decimal decoders. The board also contains various resistors, capacitors, and a small red component. The components are interconnected by a complex network of white conductive traces.



SIDE 2 TIMING GENERATOR 5009707 E MB330 PCC 0974



SIDE 1 FEDERATED-CONS.

FLIP CHIP[®]

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The circuit board features a variety of integrated circuits, including:

- NSI/658** (NSI/658) - Multiple instances of this chip are visible, primarily in the upper and middle sections.
- DEC 74H74A** (74H74A) - D-type flip-flops.
- DEC 74H40** (74H40) - Monostable multivibrators.
- DEC 74H10** (74H10) - Monostable multivibrators.
- DEC 74H100** (74H100) - Monostable multivibrators.
- DEC 74H30** (74H30) - Inverters.
- DEC 74H00** (74H00) - NAND gates.
- DEC 74H04** (74H04) - Hex inverters.
- DEC 74H01** (74H01) - NAND gates.
- DEC 74H02** (74H02) - NAND gates.
- DEC 74H03** (74H03) - NAND gates.
- DEC 74H04** (74H04) - Hex inverters.
- DEC 74H05** (74H05) - NAND gates.
- DEC 74H06** (74H06) - NAND gates.
- DEC 74H07** (74H07) - NAND gates.
- DEC 74H08** (74H08) - NAND gates.
- DEC 74H09** (74H09) - NAND gates.
- DEC 74H10** (74H10) - Monostable multivibrators.
- DEC 74H11** (74H11) - Monostable multivibrators.
- DEC 74H12** (74H12) - Monostable multivibrators.
- DEC 74H13** (74H13) - Monostable multivibrators.
- DEC 74H14** (74H14) - Monostable multivibrators.
- DEC 74H15** (74H15) - Monostable multivibrators.
- DEC 74H16** (74H16) - Monostable multivibrators.
- DEC 74H17** (74H17) - Monostable multivibrators.
- DEC 74H18** (74H18) - Monostable multivibrators.
- DEC 74H19** (74H19) - Monostable multivibrators.
- DEC 74H20** (74H20) - Monostable multivibrators.
- DEC 74H21** (74H21) - Monostable multivibrators.
- DEC 74H22** (74H22) - Monostable multivibrators.
- DEC 74H23** (74H23) - Monostable multivibrators.
- DEC 74H24** (74H24) - Monostable multivibrators.
- DEC 74H25** (74H25) - Monostable multivibrators.
- DEC 74H26** (74H26) - Monostable multivibrators.
- DEC 74H27** (74H27) - Monostable multivibrators.
- DEC 74H28** (74H28) - Monostable multivibrators.
- DEC 74H29** (74H29) - Monostable multivibrators.
- DEC 74H30** (74H30) - Inverters.
- DEC 74H31** (74H31) - Inverters.
- DEC 74H32** (74H32) - Inverters.
- DEC 74H33** (74H33) - Inverters.
- DEC 74H34** (74H34) - Inverters.
- DEC 74H35** (74H35) - Inverters.
- DEC 74H36** (74H36) - Inverters.
- DEC 74H37** (74H37) - Inverters.
- DEC 74H38** (74H38) - Inverters.
- DEC 74H39** (74H39) - Inverters.
- DEC 74H40** (74H40) - Monostable multivibrators.
- DEC 74H41** (74H41) - Monostable multivibrators.
- DEC 74H42** (74H42) - Monostable multivibrators.
- DEC 74H43** (74H43) - Monostable multivibrators.
- DEC 74H44** (74H44) - Monostable multivibrators.
- DEC 74H45** (74H45) - Monostable multivibrators.
- DEC 74H46** (74H46) - Monostable multivibrators.
- DEC 74H47** (74H47) - Monostable multivibrators.
- DEC 74H48** (74H48) - Monostable multivibrators.
- DEC 74H49** (74H49) - Monostable multivibrators.
- DEC 74H50** (74H50) - Monostable multivibrators.

SIDE 2 TIMING GENERATOR 5009707 E M 330

