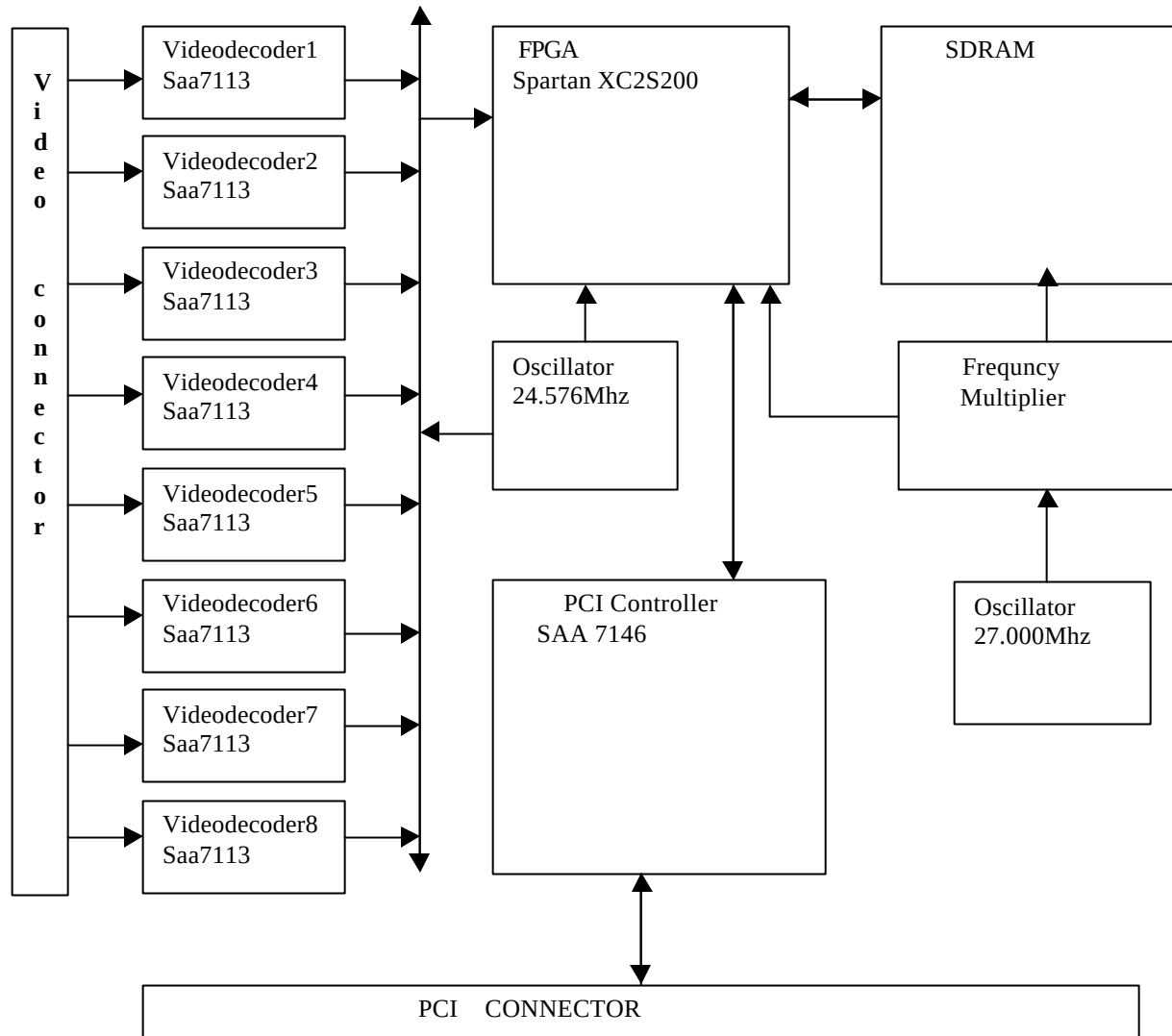


## **Appendix B -Block Diagram**

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## SPIDER 7 BLOCK DIAGRAM

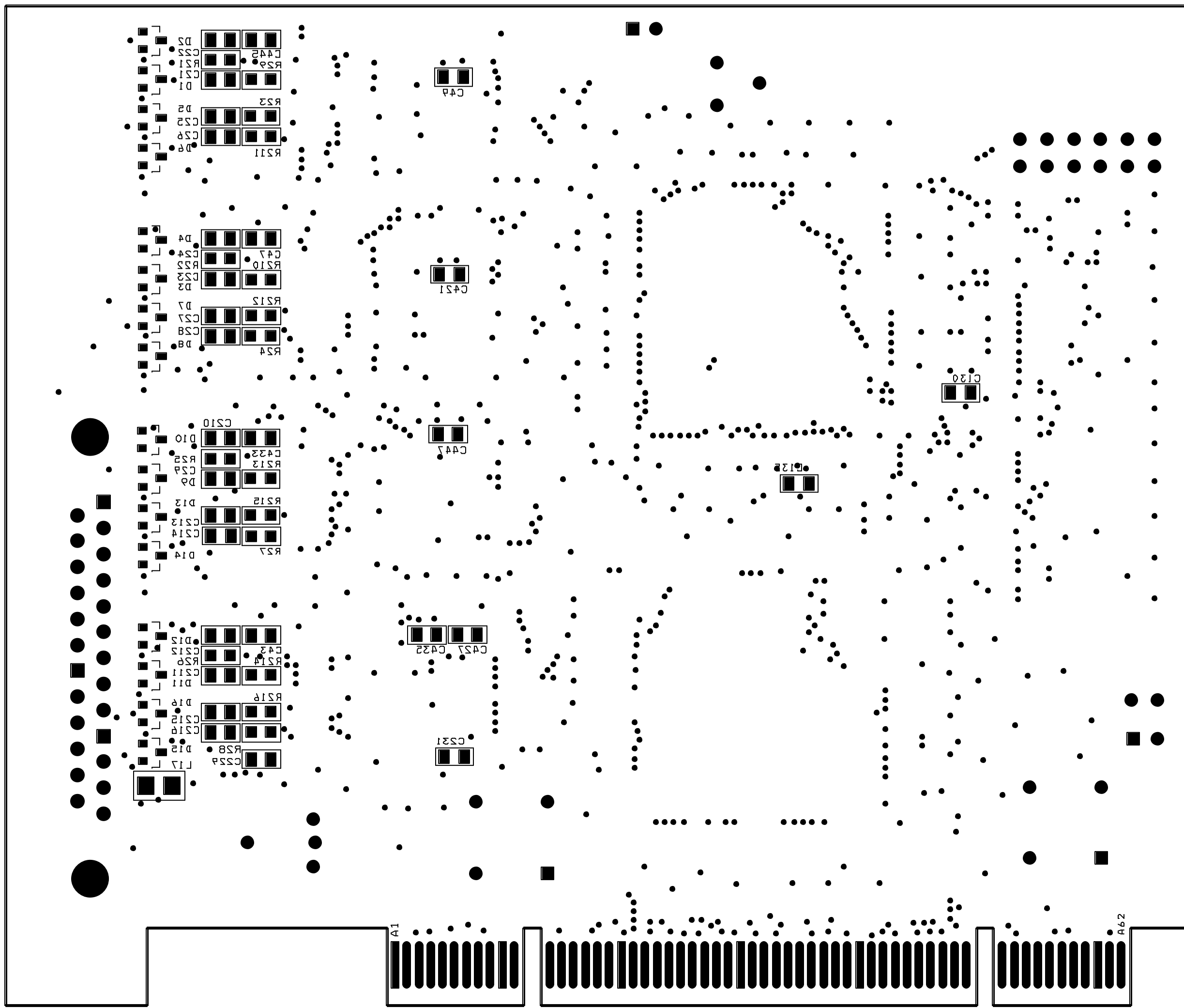


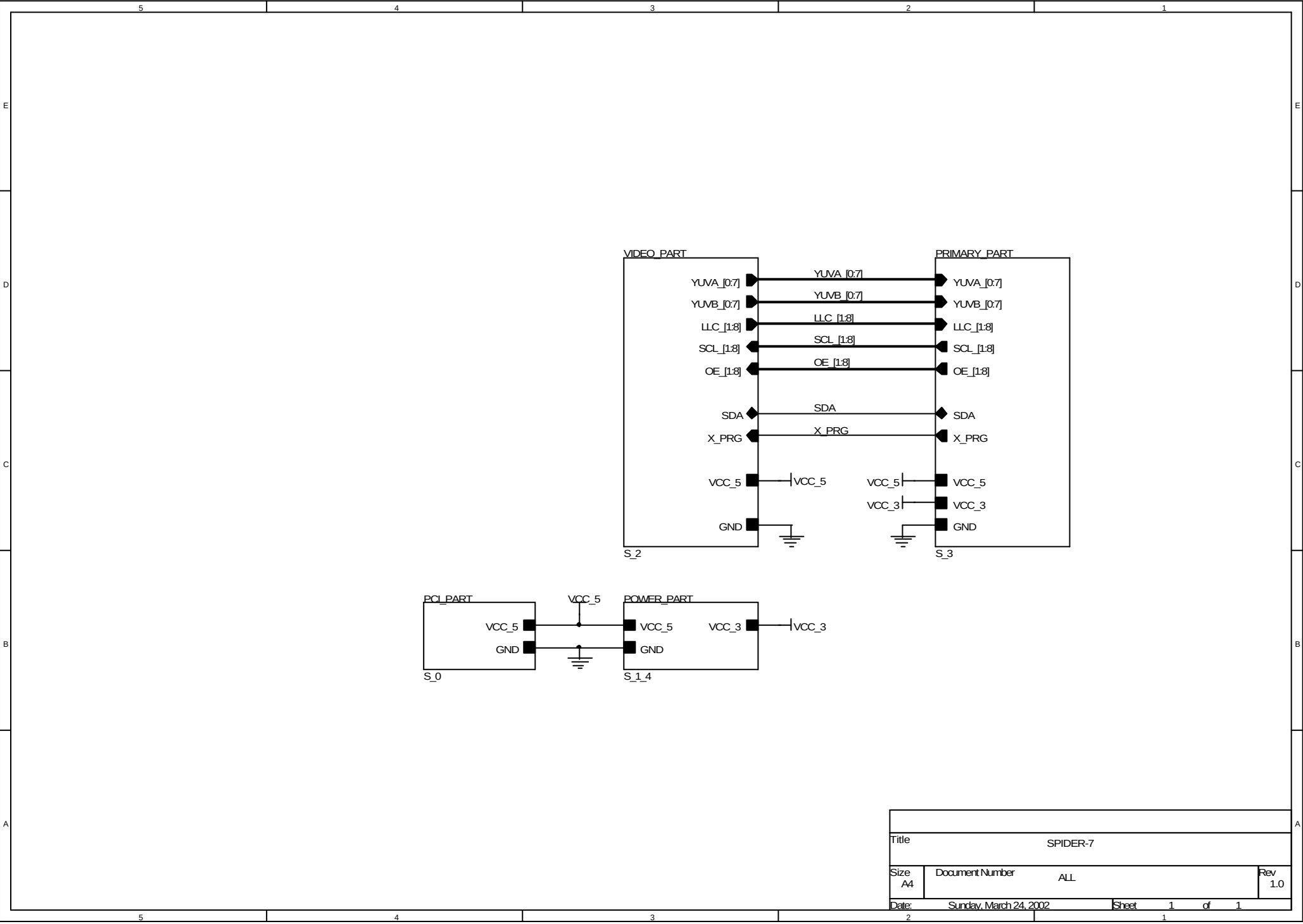
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25 13 14 1

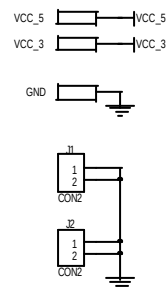
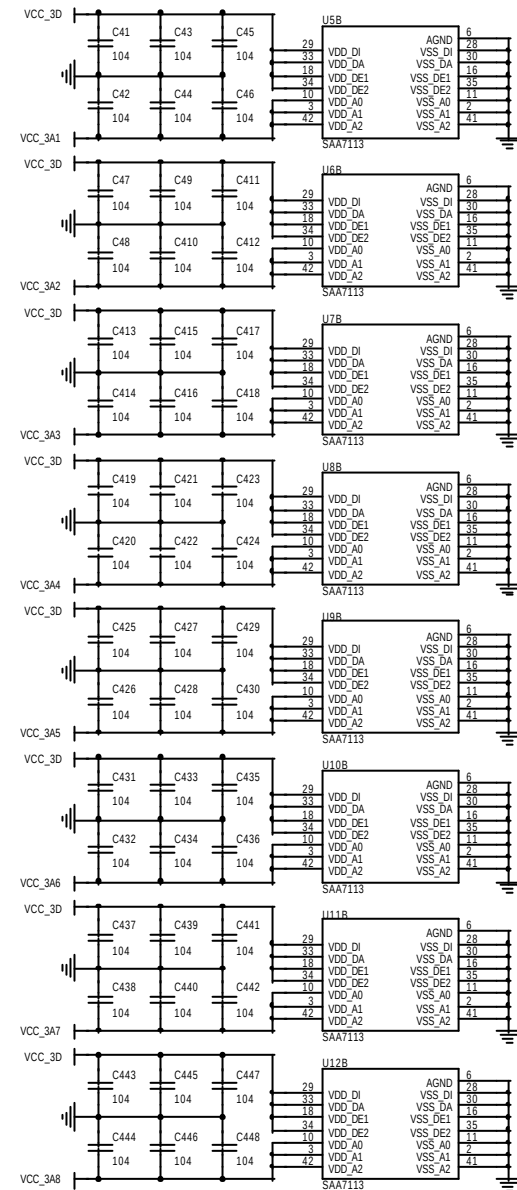
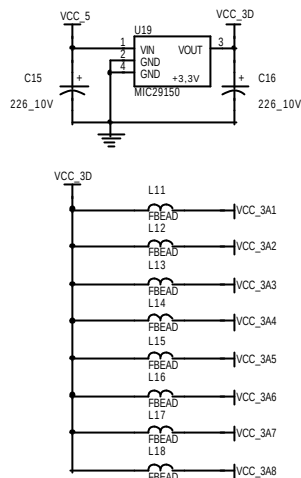
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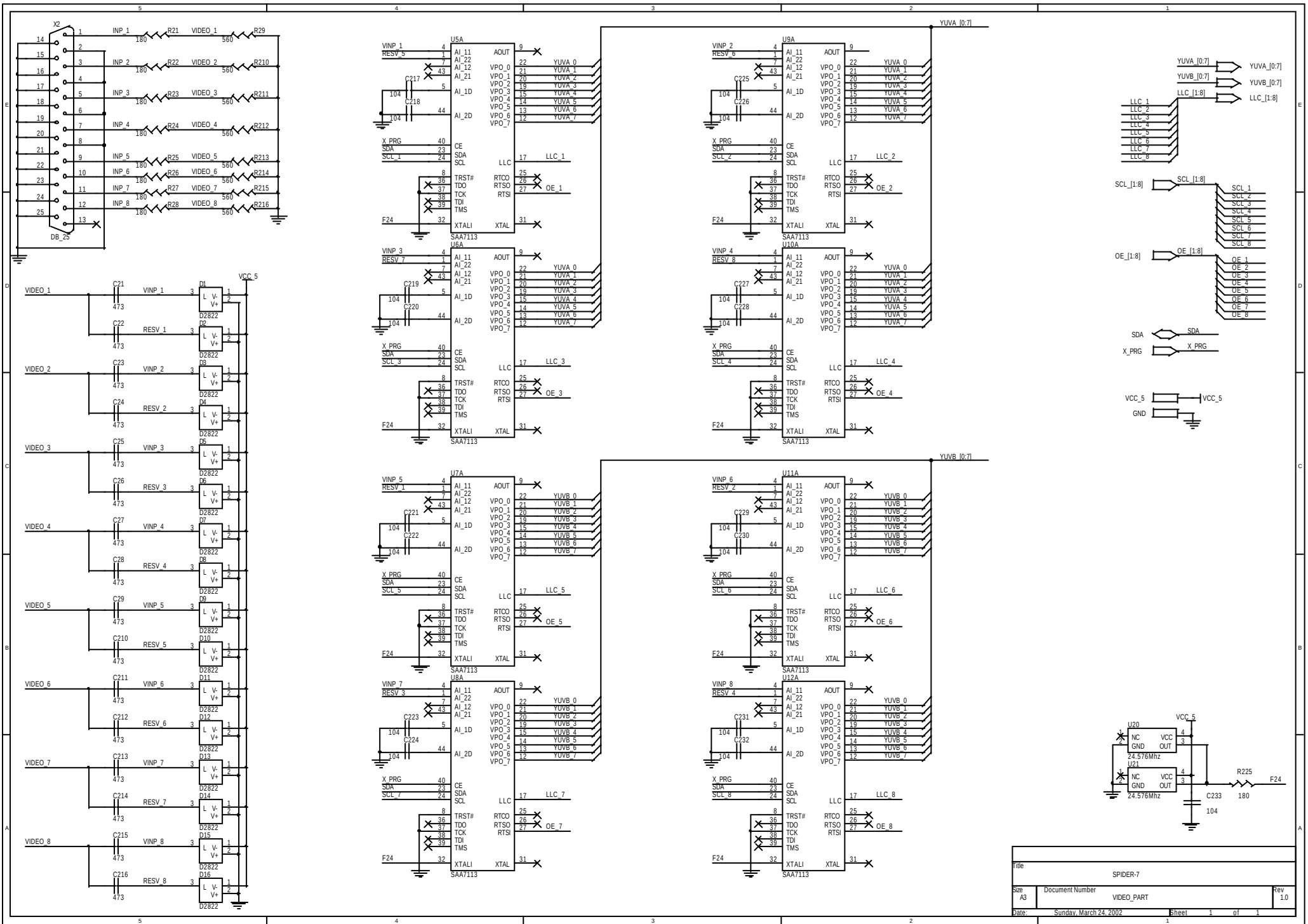
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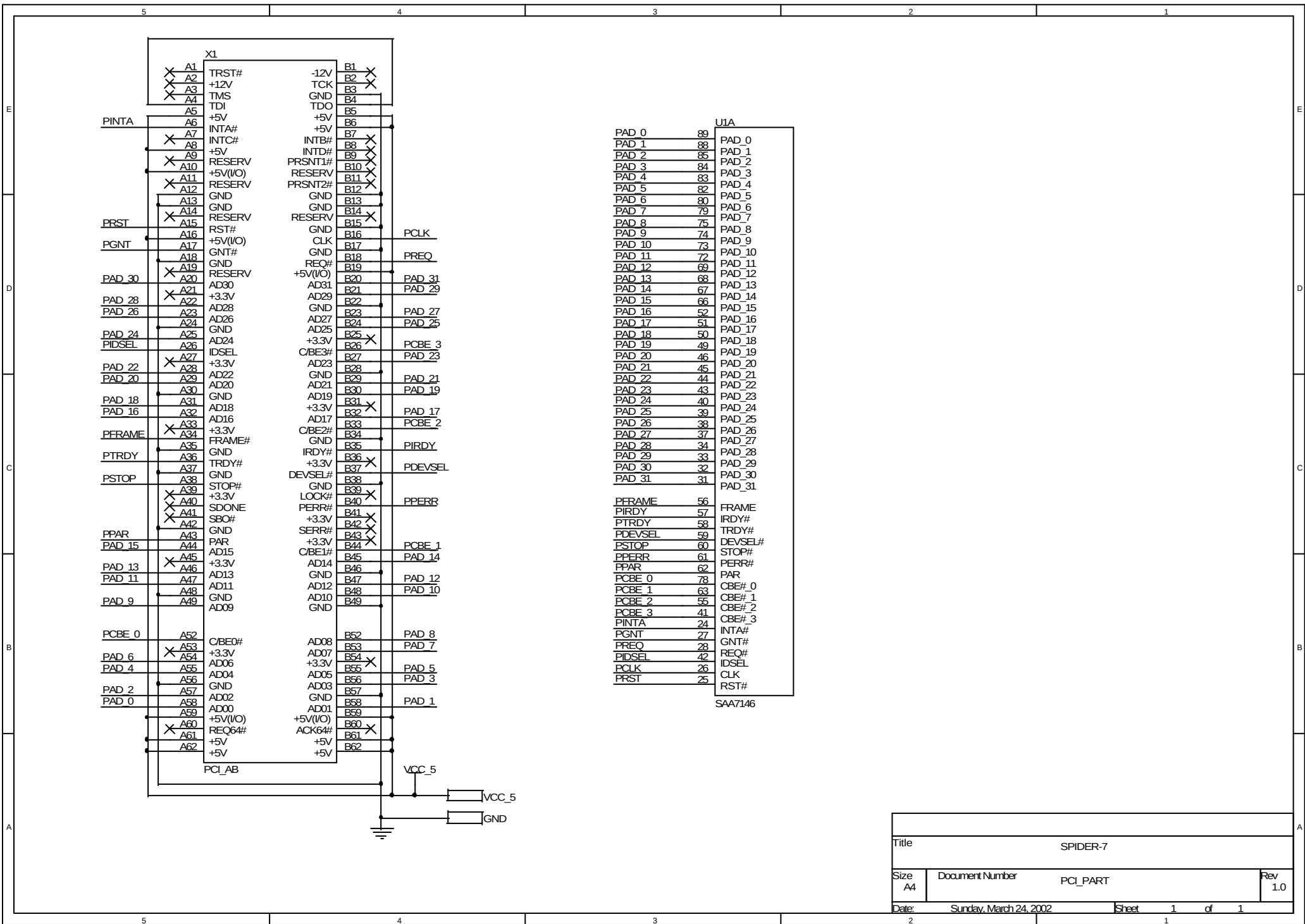




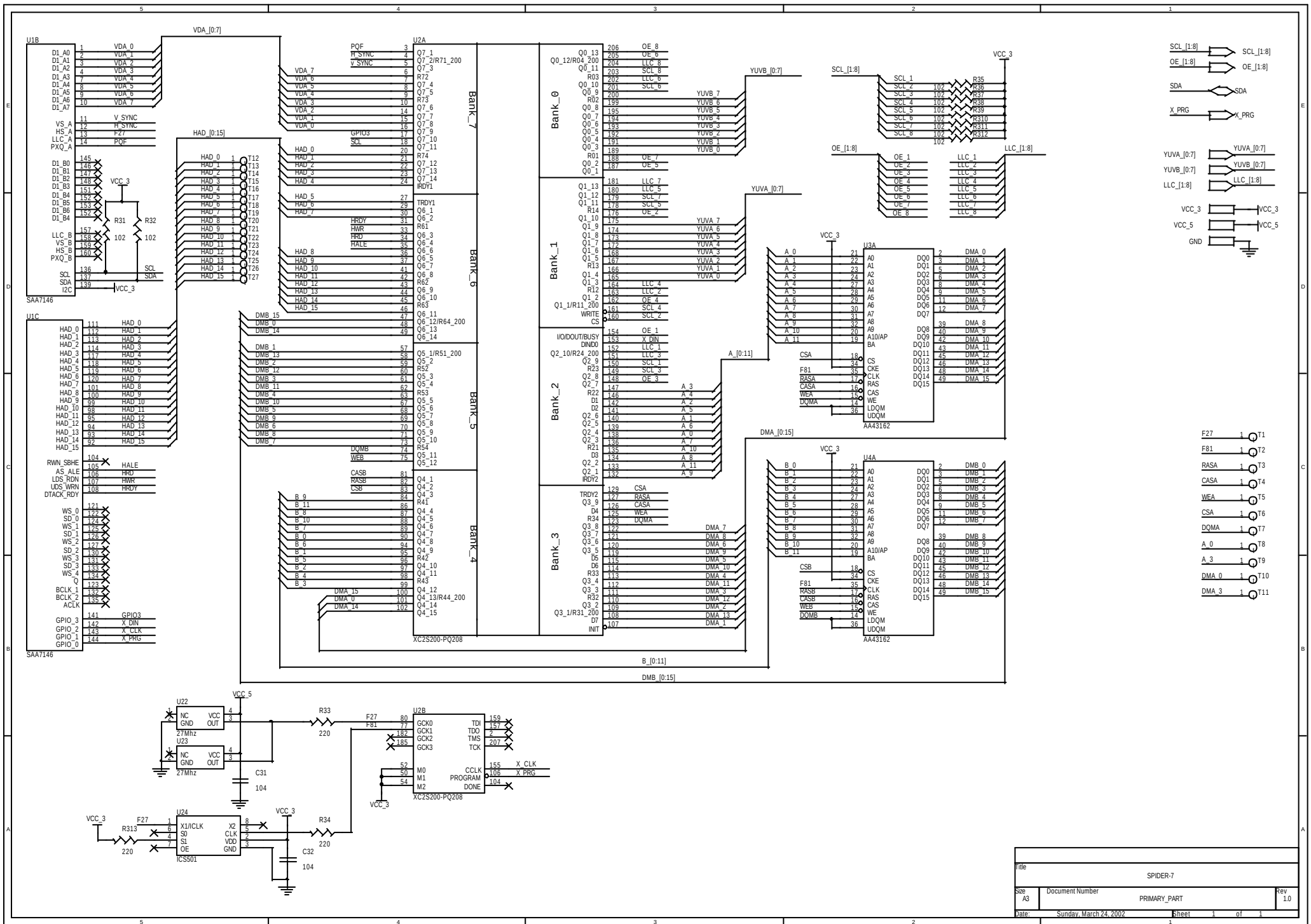
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| Title SPIDER-7 |                        |       |        |            |
| Size<br>A4     | Document Number ALL    |       |        | Rev<br>1.0 |
| Date:          | Sunday, March 24, 2002 | Sheet | 1 of 1 |            |











Bill Of Materials April 29, 2003 23:50:59 Page1

| Item | Quantity | Reference                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Part          |
|------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 1    | 3        | C14, C15, C16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 226_10V       |
| 2    | 16       | C21, C22, C23, C24, C25, C26, C27, C28, C29, C210, C211, C212, C213, C214, C215, C216                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 473           |
| 3    | 124      | C31, C32, C33, C41, C42, C43, C44, C45, C46, C47, C48, C49, C110, C111, C112, C113, C114, C115, C116, C117, C118, C119, C120, C121, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131, C132, C133, C134, C135, C136, C137, C138, C139, C140, C141, C142, C143, C144, C145, C146, C147, C148, C149, C150, C151, C152, C153, C154, C155, C156, C157, C158, C159, C160, C161, C162, C163, C164, C165, C217, C218, C219, C220, C221, C222, C223, C224, C225, C226, C227, C228, C229, C230, C231, C232, C233, C410, C411, C412, C413, C414, C415, C416, C417, C418, C419, C420, C421, C422, C423, C424, C425, C426, C427, C428, C429, C430, C431, C432, C433, C434, C435, C436, C437, C438, C439, C440, C441, C442, C443, C444, C445, C446, C447, C448 | 104           |
| 4    | 16       | D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | D2822         |
| 5    | 2        | J1, J2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CON2          |
| 6    | 8        | L11, L12, L13, L14, L15, L16, L17, L18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FBEAD         |
| 7    | 9        | R21, R22, R23, R24, R25, R26, R27, R28, R225                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 180           |
| 8    | 8        | R29, R210, R211, R212, R213, R214, R215, R216                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 560           |
| 9    | 10       | R31, R32, R35, R36, R37, R38, R39, R310, R311, R312                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 102           |
| 10   | 3        | R33, R34, R313                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 220           |
| 11   | 2        | R218, R217                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 000           |
| 12   | 2        | R320, R321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 103           |
| 13   | 14       | T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12, T13, T14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TP            |
| 14   | 1        | U1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SAA7146       |
| 15   | 1        | U2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | XC2S200-PQ208 |

|    |   |                                 |                |
|----|---|---------------------------------|----------------|
| 16 | 2 | U3,U4                           | AA43162        |
| 17 | 8 | U5,U6,U7,U8,U9,U10,U11, SAA7113 | U12            |
| 18 | 1 | U18                             | MIC39100-2.5BS |
| 19 | 1 | U19                             | MIC29150       |
| 20 | 2 | U20,U21                         | 24.576Mhz      |
| 21 | 2 | U22,U23                         | 27Mhz          |
| 22 | 1 | U24                             | ICS501         |
| 23 | 1 | U25                             | 24C02          |
| 24 | 1 | X1                              | PCI_UNIVERSAL  |
| 25 | 1 | X2                              | DB_25          |