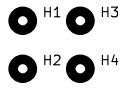
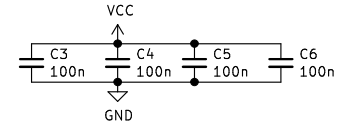
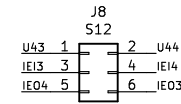
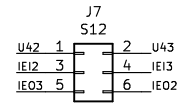
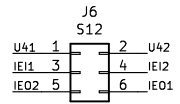
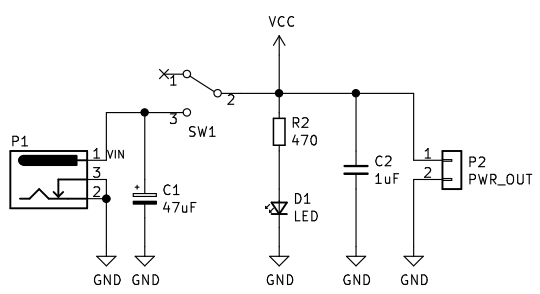


| J1 Slot1 |    | J2 Slot2 |      | J3 Slot3 |    | J4 Slot4 |      | J5 Expand |    |    |      |
|----------|----|----------|------|----------|----|----------|------|-----------|----|----|------|
| n41      | 41 | 1        | A15  | n41      | 41 | 1        | A15  | n41       | 41 | 1  | A15  |
| n42      | 42 | 2        | A14  | n42      | 42 | 2        | A14  | n42       | 42 | 2  | A14  |
| n43      | 43 | 3        | A13  | n43      | 43 | 3        | A13  | n43       | 43 | 3  | A13  |
| n44      | 44 | 4        | A12  | n44      | 44 | 4        | A12  | n44       | 44 | 4  | A12  |
| n45      | 45 | 5        | A11  | n45      | 45 | 5        | A11  | n45       | 45 | 5  | A11  |
| n46      | 46 | 6        | A10  | n46      | 46 | 6        | A10  | n46       | 46 | 6  | A10  |
| n47      | 47 | 7        | A9   | n47      | 47 | 7        | A9   | n47       | 47 | 7  | A9   |
| n48      | 48 | 8        | A8   | n48      | 48 | 8        | A8   | n48       | 48 | 8  | A8   |
| A23      | 49 | 9        | A7   | A23      | 49 | 9        | A7   | A23       | 49 | 9  | A7   |
| A22      | 50 | 10       | A6   | A22      | 50 | 10       | A6   | A22       | 50 | 10 | A6   |
| A21      | 51 | 11       | A5   | A21      | 51 | 11       | A5   | A21       | 51 | 11 | A5   |
| A20      | 52 | 12       | A4   | A20      | 52 | 12       | A4   | A20       | 52 | 12 | A4   |
| A19      | 53 | 13       | A3   | A19      | 53 | 13       | A3   | A19       | 53 | 13 | A3   |
| A18      | 54 | 14       | A2   | A18      | 54 | 14       | A2   | A18       | 54 | 14 | A2   |
| A17      | 55 | 15       | A1   | A17      | 55 | 15       | A1   | A17       | 55 | 15 | A1   |
| A16      | 56 | 16       | A0   | A16      | 56 | 16       | A0   | A16       | 56 | 16 | A0   |
| GND      | 57 | 17       | GND  | GND      | 57 | 17       | GND  | GND       | 57 | 17 | GND  |
| VCC      | 58 | 18       | VCC  | VCC      | 58 | 18       | VCC  | VCC       | 58 | 18 | VCC  |
| RFSH     | 59 | 19       | MI   | RFSH     | 59 | 19       | MI   | RFSH      | 59 | 19 | MI   |
| PAGE     | 60 | 20       | RST  | PAGE     | 60 | 20       | RST  | PAGE      | 60 | 20 | RST  |
| CLK2     | 61 | 21       | CLK  | CLK2     | 61 | 21       | CLK  | CLK2      | 61 | 21 | CLK  |
| BUSACK   | 62 | 22       | TNT  | BUSACK   | 62 | 22       | TNT  | BUSACK    | 62 | 22 | TNT  |
| HALT     | 63 | 23       | MREQ | HALT     | 63 | 23       | MREQ | HALT      | 63 | 23 | MREQ |
| BUSRQ    | 64 | 24       | WR   | BUSRQ    | 64 | 24       | WR   | BUSRQ     | 64 | 24 | WR   |
| WAIT     | 65 | 25       | RD   | WAIT     | 65 | 25       | RD   | WAIT      | 65 | 25 | RD   |
| NMI      | 66 | 26       | TORQ | NMI      | 66 | 26       | TORQ | NMI       | 66 | 26 | TORQ |
| D8       | 67 | 27       | D0   | D8       | 67 | 27       | D0   | D8        | 67 | 27 | D0   |
| D9       | 68 | 28       | D1   | D9       | 68 | 28       | D1   | D9        | 68 | 28 | D1   |
| D10      | 69 | 29       | D2   | D10      | 69 | 29       | D2   | D10       | 69 | 29 | D2   |
| D11      | 70 | 30       | D3   | D11      | 70 | 30       | D3   | D11       | 70 | 30 | D3   |
| D12      | 71 | 31       | D4   | D12      | 71 | 31       | D4   | D12       | 71 | 31 | D4   |
| D13      | 72 | 32       | D5   | D13      | 72 | 32       | D5   | D13       | 72 | 32 | D5   |
| D14      | 73 | 33       | D6   | D14      | 73 | 33       | D6   | D14       | 73 | 33 | D6   |
| D15      | 74 | 34       | D7   | D15      | 74 | 34       | D7   | D15       | 74 | 34 | D7   |
| TX2      | 75 | 35       | TX   | TX2      | 75 | 35       | TX   | TX2       | 75 | 35 | TX   |
| RX2      | 76 | 36       | RX   | RX2      | 76 | 36       | RX   | RX2       | 76 | 36 | RX   |
| U1       | 77 | 37       | U41  | U1       | 77 | 37       | U42  | U1        | 77 | 37 | U44  |
| U2       | 78 | 38       | IE11 | U2       | 78 | 38       | IE12 | U2        | 78 | 38 | IE14 |
| U3       | 79 | 39       | IE01 | U3       | 79 | 39       | IE02 | U3        | 79 | 39 | IE04 |
|          | 80 | 40       |      |          | 80 | 40       |      |           | 80 | 40 |      |



**Tadeusz Pycio**  
 Sheet: /  
 File: backplane.sch

**Title: Basic Backplane 4**

|                               |       |          |
|-------------------------------|-------|----------|
| Size: A4                      | Date: | Rev: 1.0 |
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