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|-----------------|------------------------------|
| Date: | So 12 Sep 2021 15:08:04 CEST |
| Tool: | Eeschema 5.1.9+dfsg1-1 |
| Version: | 1.4.2 |

| Ref | Value |
|----------------|--------------------------|
| C1 | 100n |
| C2 | 100n |
| C3 | 100n |
| C4 | 47µF |
| Display_Power1 | Display Power |
| IC1 | ATMEGA1284P-P |
| IC2 | VIA6522 |
| J1 | ISP |
| J2 | KEYS |
| J3 | RESET_1541 |
| J4 | SD Card Module Connector |
| J5 | EXT_5V |
| J6 | IO |
| J7 | LCD Display |
| P1 | VIA_PIN_1-20 |
| P2 | VIA_PIN_21-40 |
| R1 | 10k |
| R2 | 150 |
| RV1 | 10k |
| SW1 | RESET |
| X1 | 24Mhz |

| Footprint |
|--|
| Capacitor_THT:C_Disc_D3.4mm_W2.1mm_P2.50mm |
| Capacitor_THT:C_Disc_D3.4mm_W2.1mm_P2.50mm |
| Capacitor_THT:C_Disc_D3.4mm_W2.1mm_P2.50mm |
| Capacitor_THT:CP_Radial_D5.0mm_P2.50mm |
| Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical |
| Package_DIP:DIP-40_W15.24mm_Socket_LongPads |
| Package_DIP:DIP-40_W15.24mm_Socket_LongPads |
| Connector_IDC:IDC-Header_2x03_P2.54mm_Vertical |
| Connector_PinHeader_2.54mm:PinHeader_1x04_P2.54mm_Vertical |
| Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical |
| Connector_PinSocket_2.54mm:PinSocket_2x08_P2.54mm_Vertical |
| Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical |
| Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical |
| Connector_IDC:IDC-Header_2x05_P2.54mm_Vertical |
| Connector_PinHeader_2.54mm:PinHeader_1x20_P2.54mm_Vertical |
| Connector_PinHeader_2.54mm:PinHeader_1x20_P2.54mm_Vertical |
| Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal |
| Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal |
| Potentiometer_THT:Potentiometer_Bourns_3296W_Vertical |
| Button_Switch_THT:SW_PUSH_6mm_H5mm |
| Oscillator:Oscillator_DIP-14_LargePads |