Date:	Do 30 Apr 2020 20:06:55 CEST
Tool:	Eeschema 5.1.4+dfsg1-1
Version:	1.4.0

Ref	Value	Footprint
C1	100n	Capacitor_THT:C_Disc_D3.4mm_W2.1mm_P2.50mm
C2	100n	Capacitor_THT:C_Disc_D3.4mm_W2.1mm_P2.50mm
C3	100n	Capacitor_THT:C_Disc_D3.4mm_W2.1mm_P2.50mm
IC1	ATMEGA1284P-P + **Sockel**	Package_DIP:DIP-40_W15.24mm_Socket_LongPads
IC2	VIA6522 + **Sockel**	Package_DIP:DIP-40_W15.24mm_Socket_LongPads
J1	ISP	Connector_IDC:IDC-Header_2x03_P2.54mm_Vertical
J2	KEYS	Connector_PinHeader_2.54mm:PinHeader_1x04_P2.54mm_Vertical
J3	RESET_1541	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
J4	SD Card Modul Connector	Connector_PinSocket_2.54mm:PinSocket_2x08_P2.54mm_Vertical
J5	EXT_5V	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
J6	IO	Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical
J7	LCD Display	Connector_IDC:IDC-Header_2x05_P2.54mm_Vertical
P1	VIA_PIN_1-20	Connector_PinHeader_2.54mm:PinHeader_1x20_P2.54mm_Vertical
P2	VIA_PIN_21-40	Connector_PinHeader_2.54mm:PinHeader_1x20_P2.54mm_Vertical
R1	10k	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
R2	150	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
RV1	10k	Potentiometer_THT:Potentiometer_Bourns_3296W_Vertical
SW1	RESET	Button_Switch_THT:SW_PUSH_6mm_H5mm
X1	24Mhz	Oscillator:Oscillator_DIP-14_LargePads

| LCD Modul | 20 Zeichen x 4 Spalten | HD44780 2004 LCD Display Modul Anzeige 4x20 Zeichen |
| SD Card Modul | inkl. Pegelanpassung 3,3V | |