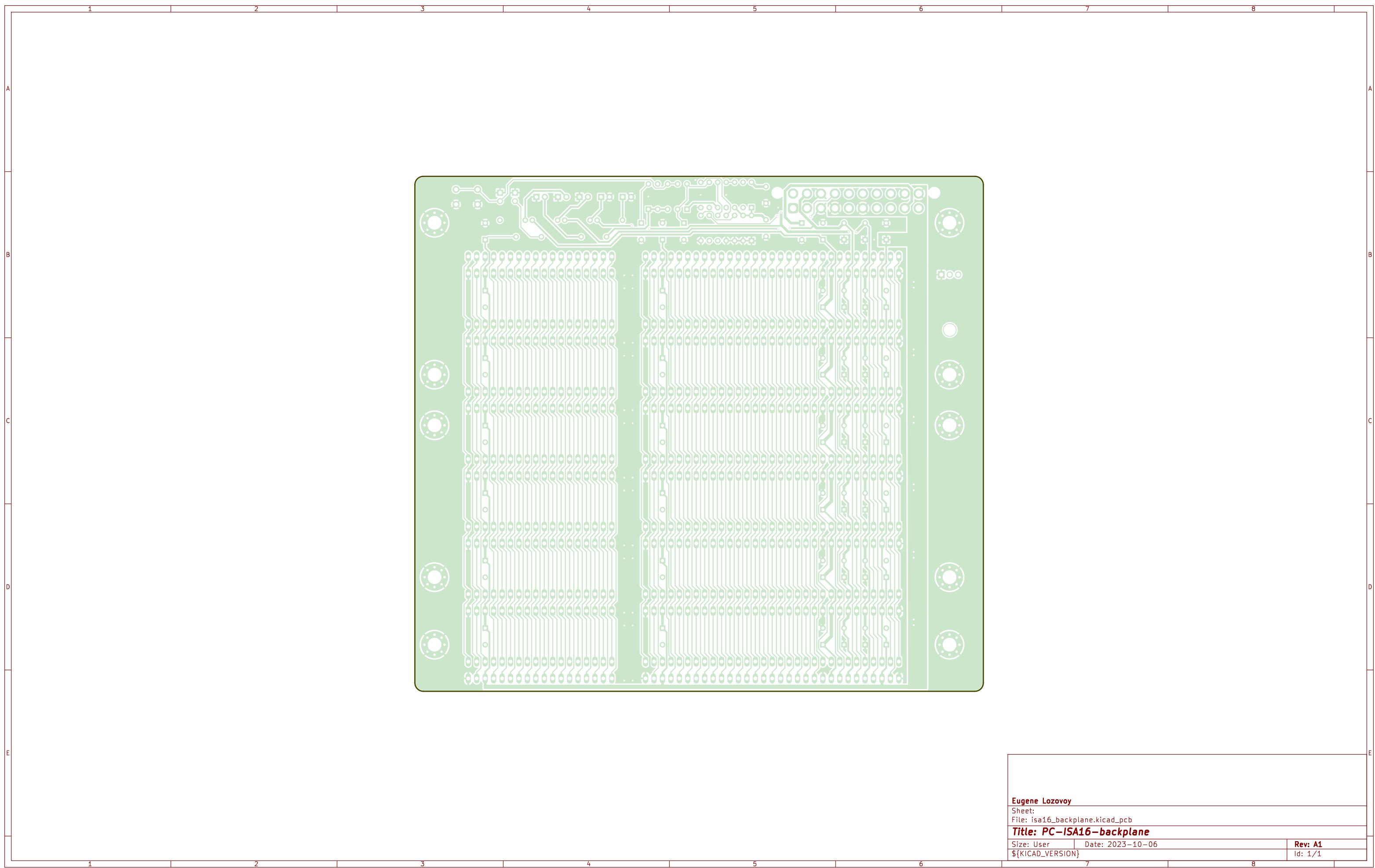


Layers: 2  
 Dimensions: 171x155mm  
 Thickness: 1.6mm  
 Min clearance: 0.2mm  
 Min track: 0.3mm  
 Min hole: 0.4mm  
 Min annular ring: 0.2mm  
**Eugene Lozovoy**  
 Sheet:  
 File: isa16\_backplane.kicad\_pcb  
**Title: PC-ISA16-backplane**  
 Size: User Date: 2023-10-06  
 \${KICAD\_VERSION} Rev: A1  
 Id: 1/1

1	2	3	4	5	6	7	8
A							A
B							B
C							C
D							D
E							E
1	2	3	4	5	6	7	8



# Bill Of Materials

References	Value	Footprint	Qty
C1 C8	100n	PCM_Capacitor_THT_AKL:C_Disc_D8.0mm_W2.5mm_P5.00mm	2
C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C2 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C3 C30 C31 C32 C33 C34 C35 C36 C37 C38 C39 C4 C40 C41 C42 C43 C44 C45 C46 C47 C5 C6 C7	10uF	PCM_Capacitor_THT_AKL:CP_Radial_Tanta_I_D5.0mm_P5.00mm	44
C9	1uF	PCM_Capacitor_THT_AKL:CP_Radial_Tanta_I_D5.0mm_P5.00mm	1
D1 D2 D3 D4 D5	LED	LED_THT:LED_D5.0mm	5
D6 D7	1N4148	PCM_Diode_THT_AKL:D_DO-35_SOD27_P_7.62mm_Horizontal	2
J1	ATX-20	my:Conn_Power_ATX_20pin_4.4mm	1
J2 J3	Conn_01x02	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical	2
R1 R4 R7 R8 R9	470	PCM_Resistor_THT_AKL:R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	5
R2 R3	10k	PCM_Resistor_THT_AKL:R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	2
R5 R6	1.5k	PCM_Resistor_THT_AKL:R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	2
SLOT1 SLOT2 SLOT3 SLOT4 SLOT5 SLOT6 SLOT7	SL-98	my:ISA16_Slot	7
SW1	SW_Push	Button_Switch_THT:SW_PUSH_6mm	1
U1	74HCT14	Package_DIP:DIP-14_W7.62mm	1
U2	74HCT74	Package_DIP:DIP-14_W7.62mm	1
U3	7905	my:TO-220-3_Horizontal_TabDownPin2	1

