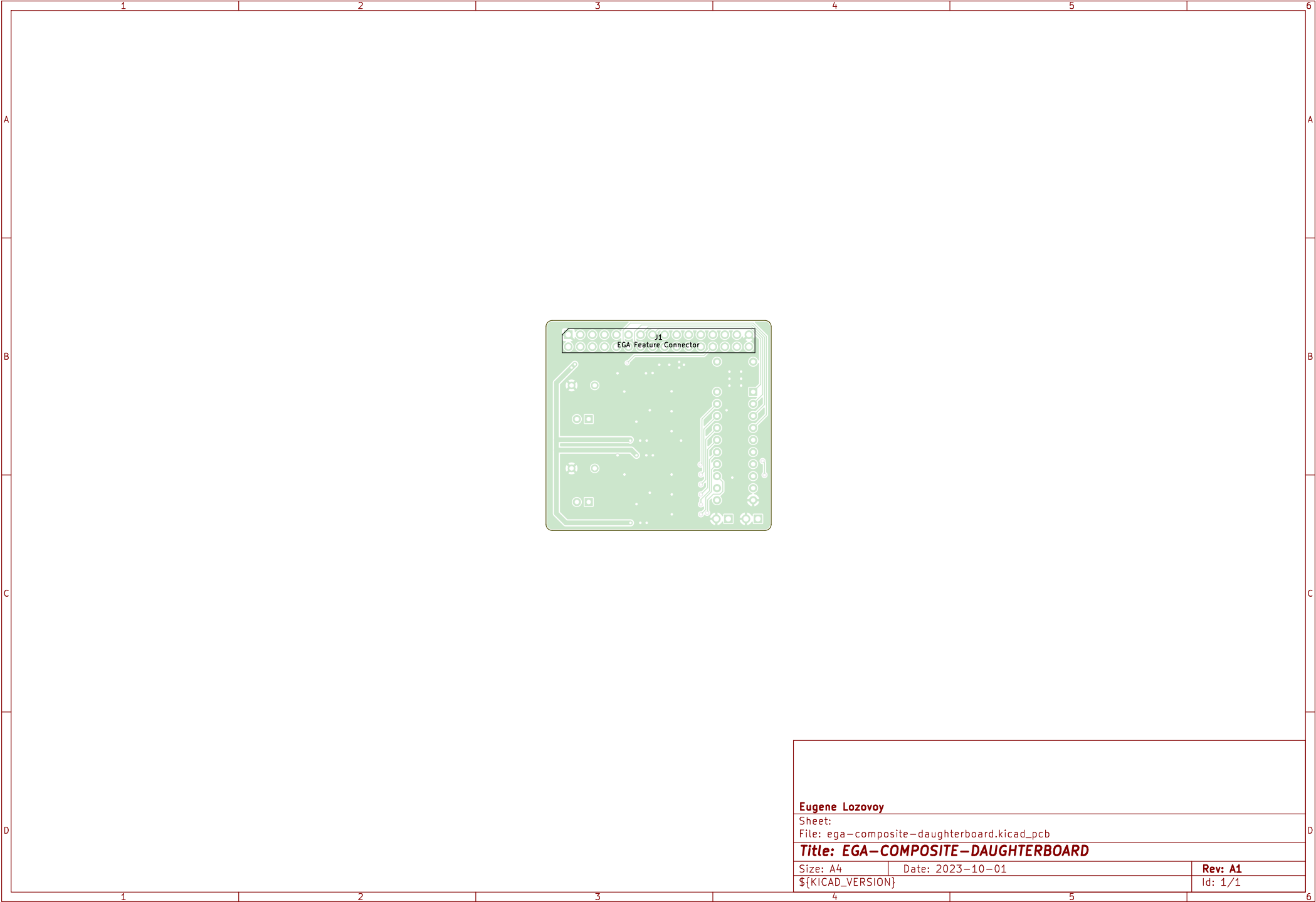


Layers: 2		Min clearance: 0.2mm
Dimensions: 44.3x47.5mm		Min track: 0.2mm
Thickness: 1.6mm		Min hole: 0.4mm
Eugene Lozovoy		Min annular ring: 0.2mm
Sheet:		
File: ega-composite-daughterboard.kicad_pcb		
Title: EGA-COMPOSITE-DAUGHTERBOARD		
Size: A4	Date: 2023-10-01	Rev: A1
\${KICAD_VERSION}		Id: 1/1



Bill Of Materials

References	Value	Footprint	Qty
C1 C2 C3 C6 C7 C8	100n	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	6
C11	220u/10V	Capacitor_Tantalum_SMD:CP_EIA-7343-31_Kemet-D_Pad2.25x2.55mm_HandSolder	1
C12 C13 C14 C15 C16 C17	1u	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	6
C4 C9	220u	Capacitor_THT:CP_Radial_D6.3mm_P2.50mm	2
C10 C5	4.3p	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	2
FB1	FB_Lossy	Inductor_THT:L_Axial_L5.3mm_D2.2mm_P7.62mm_Horizontal_Vishay_IM-1	1
J1	EGA Feature Connector	Connector_PinHeader_2.54mm:PinHeader_2x16_P2.54mm_Vertical	1
JP1 JP2	Jumper_2_Open	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical	2
R1 R13 R15 R17 R3 R5	390	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	6
R11 R12	10k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	2
R14 R16 R18 R2 R4 R6	680	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	6
R23 R24 R25	0	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	3
R10 R19 R20 R21 R22 R7 R8 R9	75	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	8
U1 U3	AD724	Package_SO:SOIC-16W_7.5x10.3mm_P1.27mm	2
U2	ATF16V8	Package_DIP:DIP-20_W7.62mm	1
Y1	3.579545 MHz	Crystal:Crystal_HC49-4H_Vertical	1
Y2	4.433619 MHz	Crystal:Crystal_HC49-4H_Vertical	1

