





Layers: 4		Min clearance: 0.2mm
Dimensions: 30x65mm		Min track: 0.2mm
Thickness: 1.6mm		Min hole: 0.3mm
		Min annular ring: 0.15mm
Eugene Lozovoy		
Sheet: Assembly		
File: sizif-xxs.kicad_pcb		
Title: ZX-SIZIF-XXS (Zero)		
Size: A4	Date: 2021-11-20	Rev: A
KiCad E.D.A. kicad (6.0.6)		Id: 1/1

Designator	Package	Value	Quantity
C1, C4, C5, C6, C10, C11, C12, C13, C14, C15	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	1u	10
C2	CP_EIA-7343-31_Kemet-D_Pad2.25x2.55mm_HandSolder	100u/10V	1
C3, C27	CP_EIA-3528-21_Kemet-B_Pad1.50x2.35mm_HandSolder	47u/6.3V	2
C16, C28	C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	10u	2
C17, C21, C26	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	100n	3
C20, C22	CP_EIA-3216-18_Kemet-A_Pad1.58x1.35mm_HandSolder	10u	2
C23	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	10n	1
C24, C25	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	4.7n	2
D1	LED_1210_3225Metric_Pad1.42x2.65mm_HandSolder	LED	1
D2	D_SOD-123	1N4148W	1
J1	PinHeader_1x03_P2.54mm_Vertical	Pin header 1x3 Pitch=2.54mm	1
J2	USB_Micro-B_Molex-105017-0001	USB_B_Micro	1
J3, J4	Jack_3.5mm_PJ320D_Horizontal	PJ-320	2
J5	PinHeader_1x04_P2.54mm_Vertical	Pin header 1x4 Pitch=2.54mm	1
J6	PinHeader_2x05_P2.54mm_Vertical	Pin header 2x5 Pitch=2.54mm	1
J7	microSD_HC_Hirose_DM3D-SF	DM3D-SF	1
L1	L_0805_2012Metric_Pad1.15x1.40mm_HandSolder	BLM21AG601SN	1
Q2, Q3	SOT-23	BSS138	2
Q4	SOT-23	BC817	1
R2, R3, R7, R32, R33, R37, R39	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	10k	7
R4, R35	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	1k	2
R5, R6, R8, R10, R12, R14, R15, R17, R19	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	200	9
R9, R11, R13, R16, R18, R20, R21	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	100	7
R26, R36	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	470	2
R27, R28, R29, R30	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	4.7k	4
R31, R38	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	2.2k	2
R34	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	470k	1
RN1, RN2, RN3, RN4, RN5	R_Array_Convex_4x0603	470	5
U1	SOT-223-3_TabPin2	1117-3.3	1
U2	SOT-223-3_TabPin2	1117-1.5	1
U3	SOIC-8_3.9x4.9mm_P1.27mm	EPCS4	1
U4	TQFP-44_14x14mm_P0.8mm	Z84C0020FEC	1
U5	TQFP-100_14x14mm_P0.5mm	EP1C3T100C8N	1
U6	SSOP-32_11.305x20.495mm_P1.27mm	AS6C4008-55SIN	1
X1	Oscillator_SMD_SeikoEpson_SG8002CA-4Pin_7.0x5.0mm	28 MHz	1