





Sheet: Assembly		
File: sizif-xxs.kicad_pcb		
<b>Title: ZX Sizif-XXS</b>		
Size: A4	Date: 2021-07-01	Rev: B
KiCad E.D.A. kicad (5.99.0-10428-g50fd94d35d)		Id: 1/1



References	Value	Footprint	Quantity
C1, C4, C6, C7, C8, C9, C12, C13, C17, C21, C26	100n	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	11
C2	100u/10V	CP_EIA-7343-31_Kemet-D_Pad2.25x2.55mm_HandSolder	1
C3, C27	47u/6.3V	CP_EIA-3528-21_Kemet-B_Pad1.50x2.35mm_HandSolder	2
C5	100n	C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	1
C10, C11, C14, C15	1u	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	4
C16, C28, C29	10u	C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	3
C20, C22	10u	CP_EIA-3216-18_Kemet-A_Pad1.58x1.35mm_HandSolder	2
C23	10n	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	1
C24, C25	4.7n	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	2
D1	LED	LED_D4.0mm	1
D2	1N4148W	D_SOD-123	1
J1	Pin header 1x3 Pitch=2.54mm	PinHeader_1x03_P2.54mm_Vertical	1
J2	USB_B_Micro	USB_Micro-B_Molex-105017-0001	1
J3, J4	PJ-320	PJ-320A_D	2
J5	Pin header 1x4 Pitch=2.54mm	PinHeader_1x04_P2.54mm_Vertical	1
J7	DM3D-SF	microSD_HC_Hirose_DM3D-SF	1
L1	BLM21AG601SN	L_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1
Q2, Q3	BSS138	SOT-23	2
Q4	BC817	SOT-23	1
R1, R31, R38	2.2k	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	3
R2, R3, R7, R32, R33, R37, R39	10k	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	7
R4, R35	1k	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	2
R5, R6, R8, R10, R12, R14, R15, R17, R19	200	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	9
R9, R11, R13, R16, R18, R20, R21	100	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	7
R26, R36	470	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	2
R27, R28, R29, R30	4.7k	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	4
R34	470k	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	1
RN1, RN2, RN3, RN4, RN5	470	R_Array_Convex_4x0603	5
U1	1117-3.3	SOT-223-3_TabPin2	1
U2	1117-1.5	SOT-223-3_TabPin2	1
U3	EPCS4	SOIC-8_3.9x4.9mm_P1.27mm	1
U4	Z84C0020PEC	TQFP-44_14x14mm_P0.8mm	1
U5	EP1C3T100C8N	TQFP-100_14x14mm_P0.5mm	1
U6	AS6C4008-55SIN	SSOP-32_11.305x20.495mm_P1.27mm	1
X1	28 MHz	Oscillator_SMD_SeikoEpson_SG8002CA-4Pin_7.0x5.0mm	1