

PCBWay_bom

Designator	Quantity	Value
C1, C14, C15, C16	4	10nF
C10, C7, C9	3	22uF
C11, C24, C6	3	47uF
C12, C18, C20, C22, C26, C27, C28, C29, C3, C30, C31, C4, C5, C8	14	39nF
C13, C17	2	1uF
C19, C2, C21, C23	4	100nF
C25	1	10uF
D1, D2	2	LED
J1, J2, J3	3	MHz 10
J10, J11, J12, J9	4	MHz 25
J13	1	MHz 50
J4	1	MHz 10 Source
J5	1	MHz 10 LPF
J6	1	Conn_02x07_Odd_Even
J7	1	MHz 50 LPF
J8	1	Jack-DC
L1, L2	2	TCCH-80+
Logo1	1	LOGO
Q1, Q2	2	2N2222
R1	1	220R
R10, R14, R22	3	0
R11, R25, R26, R27, R28, R29, R31, R32, R33, R34, R4, R7, R8	13	30
R12, R17	2	500R
R13, R16, R18	3	120R
R15	1	2k
R19	1	300
R2	1	330R
R20	1	160
R21, R3, R30, R6	4	100
R23, R5	2	5k
R24, R9	2	5k1
TP1	1	MHZ50_A
TP2, TP3, TP_GND1	3	Gnd
TP4	1	MHZ50_B
TP_P15V1	1	+15V
TP_P3V3	1	+3.3V
TP_P5V1	1	+5V
TP_VBUS1	1	+16V
U1, U8, U9	3	551MLFT
U2, U3, U6	3	LT1085-ADJ
U4	1	ERA-1SM+
U5	1	ERA-5SM+
U7	1	74LVC74

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Footprint	Mount_Type
C_1206_3216Metric_Pad1.33x1.80mm_HandSolder	smt
CP_EIA-7343-31_Kemet-D_HandSolder	smt
CP_EIA-7343-31_Kemet-D_HandSolder	smt
 C_1206_3216Metric_Pad1.33x1.80mm_HandSolder	smt
 C_1206_3216Metric_Pad1.33x1.80mm_HandSolder	smt
C_1206_3216Metric_Pad1.33x1.80mm_HandSolder	smt
CP_EIA-7343-31_Kemet-D_HandSolder	smt
LED_D3.0mm	tht
SMA_Amphenol_132289_EdgeMount	smt
SMA_Amphenol_132134-11_Vertical	tht
 PinHeader_2x07_P2.54mm_Vertical	tht
 SMA_Amphenol_132134-11_Vertical	tht
BarrelJack_Horizontal	tht
Minicircuits_GU1604	smt
F4LHU	tht
TO-92_Inline_Wide	tht
R_1206_3216Metric_Pad1.30x1.75mm_HandSolder	smt
R_1206_3216Metric_Pad1.30x1.75mm_HandSolder	smt
 R_1206_3216Metric_Pad1.30x1.75mm_HandSolder	smt
Potentiometer_Bourns_3299W_Vertical	tht
R_1206_3216Metric_Pad1.30x1.75mm_HandSolder	smt
Potentiometer_Bourns_3299W_Vertical	tht
R_2512_6332Metric_Pad1.40x3.35mm_HandSolder	smt
R_1206_3216Metric_Pad1.30x1.75mm_HandSolder	smt
R_2512_6332Metric_Pad1.40x3.35mm_HandSolder	smt
R_1206_3216Metric_Pad1.30x1.75mm_HandSolder	smt
Potentiometer_Bourns_3299W_Vertical	tht
R_1206_3216Metric_Pad1.30x1.75mm_HandSolder	smt
TestPoint_THTPad_1.5x1.5mm_Drill0.7mm	tht
SOIC-8_5.3x6.2mm_P1.27mm	smt
TO-220-3_Vertical	tht
WW107	smt
WW107	smt
SSOP-8_2.95x2.8mm_P0.65mm	smt

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Description	Sim.Pins
Unpolarized capacitor	
Polarized capacitor, small symbol	
Polarized capacitor, small symbol	
Unpolarized capacitor	
Unpolarized capacitor	
Unpolarized capacitor	
Polarized capacitor, small symbol	
Light emitting diode	1=K 2=A
small coaxial connector (BNC, SMA, SMB, SMC, Cinch/RCA, LEMO, ...)	
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small coaxial connector (BNC, SMA, SMB, SMC, Cinch/RCA, LEMO, ...)	
Generic connector, double row, 02x07, odd/even pin numbering scheme (row 1 odd numbers, row 2 even numbers), script generated (kicad-library-utils/schlib/autogen/connector/)	
small coaxial connector (BNC, SMA, SMB, SMC, Cinch/RCA, LEMO, ...)	
DC Barrel Jack	
Inductor	
Logo F4LHU	
0.2A Ic, 40V Vce, Small Signal NPN Transistor, TO-92	
Resistor	
Resistor	
Resistor	
Trimmable resistor (preset resistor)	
Resistor	
Trimmable resistor (preset resistor)	
Resistor	
Resistor	
Resistor	
Resistor	
Trimmable resistor (preset resistor)	
Resistor	
test point	
3.0A 25V LDO Linear Regulator, Adjustable Output, TO-220/TO-263	