

Reference	Quantity	Value	Footprint	Datasheet	Type	Voltage
C1 C2 C3 C4 C5 C6 C7 C8	8	100nF	Capacitor_SMD:C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	~	X7R	16V
H1 H2 H3 H4	4	MountingHole_Pad	Mounting_Holes:MountingHole_2.5mm	~		
J1	1	Conn_01x09	Connector_PinHeader_2.54mm:PinHeader_1x09_P2.54mm_Vertical	~		
JP1 JP2 JP3	3	bridge	Jumper:SolderJumper-3_P1.3mm_Open_RoundedPad1.0x1.5mm	~		
R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11 R12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26 R27 R28 R40	29	4k7	Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	~		
R30 R32 R38	3	20k	Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	~		
R29 R31 R33 R34 R35 R36 R37 R39	8	10k	Resistor_SMD:R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	~		
RV1	1	3314G-1-253E	Potentiometer_SMD:Potentiometer_Bourns_3314R-GM5_Vertical	~		
U1	1	PSDS5990-01	simonmartin_kicad_lib:HAMAMATSU_PSD_S599001_4mm			
U2 U3 U4 U5	4	OPA4990IRTER	Package_DFN_QFN:WQFN-16-1EP_3x3mm_P0.5mm_EP1.6x1.6mm			