





Designator	Package	Quantity	Designation	Supplier and ref	URL
U4	PLT133-T10W	1	PLT133-T10W	Everlight	https://www.digikey.jp/products/en?keywords=PLT133-T10W
U2	PLR135-T10	1	PLR135-T10	Everlight	https://www.digikey.jp/products/en?keywords=PLR135-T10
J10	PinHeader_1x08_P2.54mm_Vertical	1	Conn_01x08	61300811121	https://www.digikey.jp/product-detail/en/v%3C3%BCrh-elektronik/61300811121/732-5321-ND/4846839
J15	PinHeader_1x05_P2.54mm_Vertical	1	Conn_01x05	61300511121	https://www.digikey.jp/product-detail/en/v%3C3%BCrh-elektronik/61300511121/732-5318-ND/4846831
J8	PinSocket_1x04_P2.54mm_Vertical	1	Conn_01x04	61300411121	https://www.digikey.jp/product-detail/en/v%3C3%BCrh-elektronik/61300411121/732-5317-ND/4846827
U1	IR_Receiver_TSOP38238	1	TSOP38238	Vishay	https://www.digikey.jp/product-detail/en/vishay-semiconductor-opto-division/TSOP38238/751-1227-ND/1681362
Q2,Q4	SOT-23-6_Handsoldering	2	2SA1162	Toshiba	https://www.digikey.jp/product-detail/en/toshiba-semiconductor-and-storage/2SA1162-Y-I-F/2SA1162-YLFC-ND/4516697
IC1	SOT-23-6_Handsoldering	1	TPS563249DDCR	TI	https://www.digikey.jp/product-detail/en/texas-instruments/TPS563249DDCR/296-TPS563249DDCRCT-ND/10435206
IC2	SOP65P640X120-14N	1	PCMI808QPWR	TI	https://www.digikey.jp/product-detail/en/texas-instruments/PCMI808QPWR/296-26307-1-ND/2254958
U6	SOIC-8_3.9x4.9mm_P1.27mm	1	LMC555xM	LMC555IMX/NOPB	https://www.digikey.jp/product-detail/en/texas-instruments/LMC555IMX-NOPB/296-40262-1-ND/5178139
L2	L_Taiyo-Yuden_NR-60xx_HandSoldering	1	VLS6045EX-3R3N	TDK	https://www.digikey.jp/product-detail/en/tdk-corporation/VLS6045EX-3R3N/445-173052-1-ND/5287394
L1	L_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	ML22012M470WTD25	TDK	https://www.digikey.jp/product-detail/en/tdk-corporation/ML22012M470WTD25/445-17079-1-ND/4863879
FL1	ACM9070	1	ACM9070	TDK	https://www.digikey.jp/product-detail/en/tdk-corporation/ACM9070-701-2P1-T101/445-2216-1-ND/765068?cur=jPY&lang=en
J13,J7,J9,J11	Multicomp_MC9A12-1434_2x07_P2.54mm_Vertical	4	Conn_02x07_Odd_Even	SBH11-PBPC-D07-ST-BK	https://www.digikey.jp/product-detail/en/sullins-connector-solutions/SBH11-PBPC-D07-ST-BK/59170-ND/1990063
J1	TerminalBlock_bomier-3_P5.08mm	1	Screw_Terminal_01x03	OSTTC032162	https://www.digikey.jp/product-detail/en/on-shore-technology-inc/OSTTC032162/ED2610-ND/614552
D9,D10	D_SOD-123	2	SS24FL	Schottky Diode 2A	https://www.digikey.jp/product-detail/en/on-semiconductor/SS24FL/SS24FLCT-ND/5305093
U3,U5	SOT-223-3_1abPin2	2	AZ1117-ADJ	ANY	https://www.digikey.jp/product-detail/en/on-semiconductor/NCP1117S1AT3G/NCP1117S1AT3GOSCT-ND/1967218
Q3,Q6,Q8,Q9,Q10,Q11	SOT-23_Handsoldering	6	2N7002	ANY	https://www.digikey.jp/product-detail/en/on-semiconductor/2N7002/2N7002NCT-ND/244664
UT,U8	TSOP-20_W4.4mm	2	H07474LVC541A	NXP 74LVC541APW	https://www.digikey.jp/product-detail/en/nexperia-usa-inc/74LVC541APW-118/1727-6370-1-ND/2762882
FB1	805	1	BLM21PG331SN10	Murata	https://www.digikey.jp/product-detail/en/murata-electronics/BLM21PG331SN10/490-5988-1-ND/3845188
SW2,SW3,SW6	Switch_Slide_11.6x4mm_EG1218	3	SPDT P-2.54mm	EG1218	https://www.digikey.jp/product-detail/en/e-switch/EG1218/EG1903-ND/101726
D1,D2,D4,D5,D6,D7,D8,D12,D13,D14,D15	D_SOD-123	11	1N4148W	Si Diodes	https://www.digikey.jp/product-detail/en/diodes-incorporated/1N4148W-13-F/1N4148W-13FIDICT-ND/2242774
J2	BarrelJack_Horizontal	1	DC12V-IN	PI-002AH	https://www.digikey.jp/product-detail/en/pi-devices/PI-002AH/CP-002AH-ND/408446
P1	PinSocket_2x20_P2.54mm_Vertical	1	Conn_02x20_Odd_Even	87606-810LF	https://www.digikey.jp/product-detail/en/amphenol-icc-fci/87606-810LF/609-5148-ND/4417939
Q1,Q5,Q7	DMG3415U	3	DMG3415U-7	A03422	https://www.digikey.jp/product-detail/en/alpha-omega-semiconductor-inc/A03422/785-1015-1-ND/1855957
SW1,SW4,SW5,SW7	PUSH SW2-5.0-6.0X3.0X4.3MM	4	SW_Push Angle	Unknown	https://akizukidenshi.com/catalog/g/gP-08077/
RV1	Potentiometer_Alps_RK09L_Double_Horizontal	1	POT_DUAL	ALPS	https://akizukidenshi.com/catalog/g/gP-03605/
D3	LED_D5.0mm-3	1	OSRB3132A	LED Dual Colors 3mm	https://akizukidenshi.com/catalog/g/gL-04079/
D11	LED_D5.0mm_Clear	1	IR-LED_5mm	LED For Remote TX	https://akizukidenshi.com/catalog/g/gL-03261/
J5	MJ-519	1	Conn_Coaxial_x2	Unknown	https://akizukidenshi.com/catalog/g/gC-12480/
A1	MW-1466CORE	1	MW-1466CORE	Music Works	
A2	Combo384	1	Combo384	AMANO Technologies	
C1,C2,C7,C9,C10,C11,C16,C17,C18,C19,C20,C24,C31,C32,C35,C36,C37,C38,C39	C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	19	0.1uF		
C12	CP_Radial_D7.5mm_P2.50mm	1	220uF/16V		
C13	CP_Radial_D5.0mm_P2.00mm	1	220uF/6.3V		
C15	C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	22uF/6.3V		
C21	C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	1uF		
C22,C23	CP_Radial_D5.0mm_P2.00mm	2	33uF/16V		
C25,C26,C29,C30	C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	4	100pF		
C27,C28	CP_Radial_D5.0mm_P2.00mm	2	2.2uF		
C3	C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	0.01uF		
C33,C34	C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	2	10uF		
C4,C6,C14	C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	3	1uF/16V		
C5	C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	10uF/16V		
C8	CP_Radial_D5.0mm_P2.00mm	1	22uF/16V		
J3	PinHeader_1x03_P2.54mm_Vertical	1	Conn_01x03		
J4	PinHeader_1x06_P2.54mm_Vertical	1	Conn_01x06		
J6	PinHeader_2x01_P2.54mm_Vertical	1	Conn_01x02		
R1,R3,R4,R11,R12,R28,R29,R30,R39,R45,R46,R47,R48,R65,R66,R67,R68	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	17	47R		
R10	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	220R		
R13	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	22k		
R14	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	3k		
R15	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	470k		
R17	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	180R		
R18	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	110R		
R19	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	1k		
R2,R7,R41,R42,R43,R44,R70,R72,R73,R74,R75	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	11	10k		
R21,R22	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	2	1MEG		
R24,R25	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	2	18k		
R26,R27	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	2	27k		
R31	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	10R		
R33,R34,R49,R50,R51,R52,R53,R54,R55,R56,R57,R58,R59,R60,R61,R62,R63,R64,R69	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	19	100R		
R38	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	33R		
R5,R16,R20,R23,R35,R36,R37	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	7	100k		
R6,R71	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	2	330R		
R8	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	680R		
R9,R32,R40	R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	3	NOP	Open	