

Part	Comment	Footprint	Manufacturer Name	Manufacturer Part
C1	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C2	0.1uF	C_0805	KEMET	C0805C104K5RACTU
C3	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C4	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C5	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C6	0.01uF	C_0805	KEMET	C0805X104M5RACTU
C8	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C9	1uF	C_0805	KEMET	C0805C105K5RACTU
C10	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C11	22uF	C_0805	Murata Electronics	GRM21BR61A226ME5 1L
C12	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C13	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C14	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C19	22uF	C_0805	Murata Electronics	GRM21BR61A226ME5 1L
C20	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C21	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C23	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C24	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C25	22uF	C_0805	Murata Electronics	GRM21BR61A226ME5 1L
C26	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C27	22uF	C_0805	Murata Electronics	GRM21BR61A226ME5 1L
C29	22uF	C_0805	Murata Electronics	GRM21BR61A226ME5 1L
C30	0.1uF	C_0805	KEMET	C0805X104M5RACTU
C31	0.01uF	C_0805	Samsung Electro- Mechanics	CL21B103KBANNNC
C33	22uF	C_0805	Murata Electronics	GRM21BR61A226ME5 1L
C34	22uF	C_0805	Murata Electronics	GRM21BR61A226ME5 1L
C35	22uF	C_0805	Murata Electronics	GRM21BR61A226ME5 1L
C36	22uF	C_0805	Murata Electronics	GRM21BR61A226ME5 1L
D1	CD1206-S01575	D_1206	Bourns Inc.	CD1206-S01575
D2	CD1206-S01575	D_1206	Bourns Inc.	CD1206-S01575
F2	MF-MSMF050-2 500mA	0002_MF-MSMF050-2	Bourns Inc.	MF-MSMF050-2
IC1	74LVC1G125DCKR	SC70-5	Texas Instruments	SN74LVC1G125DCKR
IC2	SAMD21G18A-AUT	TQFP48-7X7	Microchip Technology	ATSAMD21G18A-AUT
IC3	ESP-WROOM- 02D_M1102H3200PH3Q0_	ESP-WROOM- 02D_M1102H3200PH3Q0_	Espressif Systems	ESP-WROOM-02D (2MB)
IC5	74LVC125APW,118	TSSOP14	Nexperia USA Inc.	74LVC125APW,118
IC6	74LVC125APW,118	TSSOP14	Nexperia USA Inc.	74LVC125APW,118
IC7	AMS1117	SOT223	Advanced Monolithic Systems	AMS1117-3.3
IOH	FH254-110DF08500V	1X10	Adam Tech	PH1-10-UA
IOL	FH254-108DF08500V	1X08	Adam Tech	PH1-08-UA

J1	DM3AT-SF-PEJM5(11)SMD/SMT		Hirose Connector	DM3AT-SF-PEJM5(11)
L6	MH2029-300Y	L_0805	Bourns Inc.	MH2029-300Y
L7	MH2029-300Y	L_0805	Bourns Inc.	MH2029-300Y
LED1	Yellow	LED_0805	American Opto Plus LED	L171L-YC
LED2	Yellow	LED_0805	American Opto Plus LED	L171L-YC
LED3	Yellow	LED_0805	American Opto Plus LED	L171L-YC
LED4	Green	LED_0805	American Opto Plus LED	L171L-GC
R1	330R	R-0805	Stackpole Electronics Inc	RMCF0805FT330R
R2	10k	R-0805	Stackpole Electronics Inc	RMCF0805FT10K0
R3	10k	R-0805	Stackpole Electronics Inc	RMCF0805FT10K0
R5	100k	R-0805	Stackpole Electronics Inc	RMCF0805FT100K
R6	52k3	R-0805	Stackpole Electronics Inc	RMCF0805FT52K3
R7	100k	R-0805	Stackpole Electronics Inc	RMCF0805FT100K
R8	10k	R-0805	Stackpole Electronics Inc	RMCF0805FT10K0
R9	10k	R-0805	Stackpole Electronics Inc	RMCF0805FT10K0
R11	10k	R-0805	Stackpole Electronics Inc	RMCF0805FT10K0
R12	3.3k	R-0805	Stackpole Electronics Inc	RMCF0805FT3K30
R14	330R	R-0805	Stackpole Electronics Inc	RMCF0805FT330R
R15	470R	R-0805	Stackpole Electronics Inc	RMCF0805FT470R
R16	470R	R-0805	Stackpole Electronics Inc	RMCF0805FT470R
R17	470R	R-0805	Stackpole Electronics Inc	RMCF0805FT470R
R18	470R	R-0805	Stackpole Electronics Inc	RMCF0805FT470R
R19	3.3k	R-0805	Stackpole Electronics Inc	RMCF0805FT3K30
R20	10k	R-0805	Stackpole Electronics Inc	RMCF0805FT10K0
R21	3.3k	R-0805	Stackpole Electronics Inc	RMCF0805FT3K30
R22	10k	R-0805	Stackpole Electronics Inc	RMCF0805FT10K0
R23	10k	R-0805	Stackpole Electronics Inc	RMCF0805FT10K0
R24	33.2k	R-0805	Stackpole Electronics Inc	RMCF0805FT33K2
R25	3.3k	R-0805	Stackpole Electronics Inc	RMCF0805FT3K30
R26	330R	R-0805	Stackpole Electronics Inc	RMCF0805FT330R
R27	10k	R-0805	Stackpole Electronics Inc	RMCF0805FT10K0
R28	100k	R-0805	Stackpole Electronics Inc	RMCF0805FT100K
R29	10k	R-0805	Stackpole Electronics Inc	RMCF0805FT10K0
S1	B3U-1000P	SMD/SMT	Omron Electronics Inc-EMC Div	B3U-1000P

S2	B3U-1000P	SMD/SMT	Omron Electronics Inc-EMC Div	B3U-1000P
TR1	PMV48XP	SOT-23	Nexperia USA Inc.	PMV48XP,215
TR3	2N7002	SOT-23	ON Semiconductor	2N7002
U1	TPS62143RGTR	RGT16_1P7X1P7	Texas Instruments	TPS62143RGTR
U2	TPS562209DDCR	DDC0006A	Texas Instruments	TPS562209DDCR
USB1	MCR-AB1-S-RA-SMT-TR	MCR-AB1-S-RA-SMT- SINGLHOLES	Adam Tech	MCR-B-S-RA-SMT- EH4B-T/R
Y4	32,768Khz_SMD	RESONATOR_EPSON_FC_1 45	EPSON	FC-145 32.7680KD- AC3
Z5	CG0603MLC-05E	CT/CN0603	Bourns Inc.	CG0603MLC-05E
Z6	CG0603MLC-05E	CT/CN0603	Bourns Inc.	CG0603MLC-05E