

Item	Quantity	Reference	Part	Manufacturer	Manuf. Part No	Description
1	10	C1,C2,C3,C4,C5,C6,C9,C11,C12,C13	1u	Murata	GRM155R61C105KA12D	Capacitor, MLCC, 1u, M1005, 16V, 10%, X5R
2	1	C7	47u	Murata	GRM21BR60J476ME01L	Capacitor, MLCC, 47u, 20%, M2012, 6.3V, X5R
3	1	C8	22u	Murata	GRM188R60J226MEA0D	Capacitor, MLCC, 22u, 20%, M1608, 6.3V, X5R
4	1	C14	100n	Murata	GRM155R61E104KA87D	Capacitor, MLCC, 100n, 10%, M1005, 25V, X5R
5	2	FB1,FB2	600R@100MHz	Murata	BLM18AG601SN1	Ferrite Bead, M1608, 600R@100MHz, 380mR@DC, 500mA
6	1	J1	SFW15R-1STE1LF	Amphenol	SFW15R-1STE1LF	Connector, FFC/FPC, Bottom contacts, 1
7	1	J2	DF37NC-30DS-0.4V	Hirose Electric	DF37NC-30DS-0.4V	CON RCPT 30POS 0.4MM SMD
8	1	L1	2u2	Murata	LQM2HPN2R2MG0L	Inductor, SMT, 2520, 2u2, ISAT=1.3A, DCR=0.08R
9	3	L2,L3,L4	DLP11SN900HL2L	Murata	DLP11SN900HL2L	Choke, Common Mode, 90ohm@100MHz
10	1	Q1	DMG1024UV-7	Diodes Inc.	DMG1024UV-7	Dual MOSFET, N, SOT-563, Vt=1V, Vgs=6V, Vds=20V
11	3	R1,R2,R30	2.2k	Yageo	RC0402FR-072K2L	Resistor, Chip, 2.2k, M1005, 63mW, 1%
12	1	R3	22 ohm	Yageo	RC0402FR-0722RL	Resistor, Chip, 22, M1005, 63mW, 1%
13	1	R28	200 ohm	Yageo	RC0201FR-07200RL	Resistor, Chip, 200, M0603, 50mW, 1%
14	1	R29	240 ohm	Yageo	RC0201FR-07240RL	Resistor, Chip, 240, M0603, 50mW, 1%
15	1	R31	10k	Yageo	RC0402FR-0710KL	Resistor, Chip, 10k, M1005, 63mW, 1%
16	1	U1	AP7331-18WG-7	Diodes Inc.	AP7331-18WG-7	LDO, Vin=2-6V, Vout=1.8V, 300mA, SOT25-5
17	1	U2	AP7331-28WG-7	Diodes Inc.	AP7331-28WG-7	LDO, Vin=2-6V, Vout=2.8V, 300mA, SOT25-5
18	1	U11	AP3429K	Diodes Inc	AP3429KTTR-G1	Regulator, Buck, 2A, 1MHz, SOT26
19	1	X1	24MHz	AEL Crystals	O24M000000S022	OSC, 24MHz, 2.5x2mm, SMD