

bom

Reference Designator	Quantity	Value	Manufacturer Part Number
C1, C2	2	10 uF	GRM21BR6YA106ME43L
C3, C4	2	22 uF	GRM21BR61A226ME51L
C5, C6, C10, C12	4	0.01 uF	0402YC103KAT2A
C7, C8, C16, C17	4	47 pF	CC0402JRNPO9BN470
C9, C11, C13, C14, C18, C19, C20, C21, C22, C23, C24, C25, C34, C35, C36	15	0.1 uF	CC0402ZRY5V8BB104
C15, C32	2	4.7 uF X7R	CL21B475KPFNNNE
C26, C27	2	2200 pF	04025C102JAT2A
C28, C29	2	220 pF	CC0402KRX7R9BB471
C30, C31	2	22 uF	LMK325F226ZN-T
C33	1	1 uF	TMK105BJ105MV-F
D1, D2, D3, D18	4		DAN222G
D4	1		MM5Z4V3
D5, D6	2		DB2W31900L
D7, D8, D9, D10	4	Green	04025C102JAT2A
D11, D12	2	Red	LTST-C191KRKT
D13, D14, D15	3	Blue	LTST-C191KSKT
D16, D17	2	Yellow	LTST-C191KSKT
F1	1	1.5A-3A	OZCF0185FF2C
FB1, FB2	2		MPZ1608S221ATA00
J1	1	2.1 mm	PJ-037A
J2	1		NPPN061BFCN-RC
J3	1		51387-0578
J4	1		SJ-43514-SMT-TR
J5	1		PPTC161LFBN-RC
J6, J7	2		92974-01-13
J8	1		DM3D-SF
J9, J10, J11	3		M22-2510305
J12, J13, J14	3		PBC03DAAN
J15A, J15B	2		NPPN101BFCN-RC
L1, L2	2	4.7uH	NR5040T4R7N
Q1	1		IRLML6402TRPBF
Q2	1		MMBT3904TT1G
R1, R2, R3	3	100 k	MNR04MRAPJ104
R4	1	10 k	YC164-JR-0710KL
R5	1	240	RP104PJ471CS
R6	1	3.9 k	CRA4S83.9KTR-ND
R7, R23, R34, R35	4	18.7 k 1%	311-18.0KLRCT-ND
R9, R12, R25, R28, R29, R42	6	10.5 k 1%	ERJ-2RKF1052X
R10, R30, R31	3	240	RC0402JR-07240RL
R11, R24	2	470	RC0402JR-07470RL
R13, R38, R39	3	17.4 k 1%	ERJ-2RKF1742X
R14, R15, R16, R18	4	54.9 k 1%	RMCF0402FT54K9
R22, R32, R33	3	100 k	RMCF0402JT100K
R26, R27	2	27	MCR01MRTJ270
R36, R37	2	1.87 k 1%	RC0402FR-071K87L
R40, R41	2	6.49 k 1%	RC0402FR-076K49L
R43, R44, R45	3	3.9 k	RC0402JR-073K9L
S1	1		OS103011MS8QP1
S2	1		611-PTS645SM43SMTRLF
U1, U2	2		AOZ1281DI
U3, U6, U7	3		74AHCT1G00SE-7
U4	1	5 V	RT9728BLGQW
U5	1		TS3A5018PWR
U8	1		FT231XS-R
U9	1		M24512-RDW6TP
U10	1		P8X32A-Q44
U11, U17	2		74LVC2G14GW-Q100H
U12	1		MCP6004T-I/ST
U13	1		ADC124S021CIMM/NOPB
U14, U15	2		74LVC1G17SE-7
U16	1		BTS50901EJAXUMA1
X1	1		ABLS-5.000MHZ-B4-T