

Comment	Description	Designator	Footprint	LibRef	Quantity
Printed Circuit Board	Printed Circuit Board	!PCB		PCB	1
C0603C225K8PACTU	CAP, CERM, 2.20F, 10V, +/-10% X5R, 0603	C1	0603	C0603C225K8PACTU	1
C1608X5R1A106K080A C	CAP CER 100F 10V 10% X5R 0603	C2	0603	Capacitor	1
GRM155R71C104JA88D	CAP CER 0.10F 16V 5% X7R 0402	C3, C5, C11, C12, C16, C19	0402	0402YC132KAT2A	6
C1608C0G1E103J	CAP, CERM, 0.010F, 25V, +/-5% C0G/NP0, 0603	C4	0603	C1608C0G1E103J	1
GRM155K71C224KAT2 D	CAP, CERM, 0.220F, 16V, +/-10% X7R, 0402	C6, C10	0402	GRM155R71C224KAT2 D	2
C0603X222K5RACTU	CAP, CERM, 2200pF, 50V, +/-10% X7R, 0603	C7	0603	C0603X222K5RACTU	1
GRM1885C2A180JA01D	CAP CER 18PF 100V 5% NP0 0603	C8, C9	0603	GRM1885C2A300JA01D	2
GRM155R61A105KE15 D	CAP, CERM, 10F, 10V, +/-10% X5R, 0402	C13, C15	0402	GRM155R61A105KE15 D	2
C0402C563J4RACTU	CAP CER 0.0560F 16V 5%X7R 0402	C14	0402	0402YC132KAT2A	1
C0603C474K8RACTU	CAP, CERM, 0.470F, 10V, +/-10% X7R, 0603	C17	0603	C0603C474K8RACTU	1
C0805C200J5GACTU	CAP CER 20PF 50V 5% NP0 0805	C18	0805_HV	08055C104JAT2A	1
06035A101FAT2A	CAP CER 100PF 50V 1% NP0 0603	C_Tank	0603	GRM1885C2A300JA01D	1
LG L29K-G2J1-24-Z	LED SMART LED GREEN 570NM 0603	D1	0603	LED	1
SML-LX0603SRW-TR	LED 660NM SUPER RED DIFF 0603SMD	D2	0603	LED	1
MMSZ5232B-7-F	Diode, Zener, 5.6V, 500mW, SOD-123	D21	SOD-123	MMSZ5232B-7-F	1
Fiducial	Fiducial mark. There is nothing to buy or mount.	FID1, FID2, FID3	Fiducial10-20	Fiducial	3
48037-2200	Connector, USB Type A, 4POS R/A, SMD	J1	CONN_USB_048037/2200	48037-2200	1
20020327-D021B01LF	TERM BLOCK 2POS 3.81MM PCB HORIZ	J2		1727010	1
TSW-102-07-G-S	Header, TH, 100mil, 2x1, Gold plated, 230 mil above insulator	J4	TSW-102-07-G-S	TSW-102-07-G-S	1
VLS201610ET-100M	INDUCTOR POWER 10UH .45A SMD	L1	VLS201610E	Inductor_Iron	1
CRCW040233R0JNED	RES, 33 ohm, 5% 0.063W, 0402	R1, R2	0402	CRCW040233R0JNED	2
CRCW040233K0JNED	RES, 33k ohm, 5% 0.063W, 0402	R5	0402	CRCW040233K0JNED	1
ERJ-2GEJ102X	RES 1K OHM 1/10W 5% 0402 SMD	R6, R7	0402	CRCW040233R0JNED	2
RC0402JR-071ML	RES, 1M ohm, 5% 0.063W, 0402	R20	0402	CRCW040233K0JNED	1
CRCW04021K50JNED	RES 1.5K OHM 1/16W 5% 0402 SMD	R40	0402	CRCW040233K0JNED	1
LP2985AIM5-3.3/NOPB	Micropower 150 mA Low-Noise Ultra Low-Dropout Regulator, 5-pin SOT-23, Pb-Free	U1	MF05A_N	LP2985AIM5-3.3/NOPB	1
TPD4E004DRY	4-CHANNEL ESD-PROTECTION ARRAY FOR HIGH-SPEED DATA INTERFACES, DRY006A	U2	DRY0006A	TPD4E004DRY	1
MSP430F5528IRGC	Mixed Signal MicroController, RGC0064B	U3	RGC0064B	MSP430F5528IRGC	1
LDC1000NHR	Inductance-to-Digital Converter, NHR0016B	U4	NHR0016B	LDC1000NHR	1
ABMM-24.000MHZ-B2-T	CRYSTAL 24.000MHZ 16	Y1	ABMM	Xtal	1