



Comment	Description	Designator	Footprint	LibRef	Quantity
GRT21BR60J476ME13 L	Ceramic Capacitor, Multilayer, Ceramic, 6.3V, 20%+Tol, 20%- Tol, XSR, 15%TC, 47uF, Surface Mount, 0805	C1, C2, C18	FP-GRT21B-0_2-MFG	CMP-001-00084-1	3
04026D104KAT2A	Ceramic Capacitor, Multilayer, Ceramic, 6.3V, 10%+Tol, 10%- Tol, XSR, 15%TC, 0.1uF, Surface Mount, 0402	C3, C4, C5, C6, C7, C8, C9, C10, C14	CAPC1005X56X25L1 0T15	CMP-001-00085-1	9
GRM155D80J225ME95 D	Ceramic Capacitor, Multilayer, Ceramic, 6.3V, 20%+Tol, 20%- Tol, X6T, -33/+22% TC, 2.2uF, Surface Mount, 0402	C11, C12, C13	FP-GRM155-0_05- MFG	CMP-001-00086-1	3
CL31A107MOH1N1NE	Ceramic Capacitor, Multilayer, Ceramic, 6.3V, 20%+Tol, 20%- Tol, XSR, 15%TC, 100uF, Surface Mount, 1206	C15	CAPC3216X16N	CMP-001-00089-1	1
GCM1555C1H300JA1 6D	Ceramic Capacitor, Multilayer, Ceramic, 50V, 5%+Tol, 5%-Tol, COG, 30ppm/Cel TC, 0.00003uF, Surface Mount, 0402	C16, C17	FP-GCM155-0_05- IPC_A	CMP-001-00088-1	2
PMEG2010ER115	Schottky Diode	D1	PMEG2010ER115	PMEG2010ER115	1
NCP11171STAT3G	Integrated Circuit	IC1	SOT230P700X180-4N	NCP11171STAT3G	1
10118193-0001LF	Connector	J1	101181930001LF	10118193-0001LF	1
TSW-102-26-G-S	0.025" SQ Post Header, Through- hole, Vertical, -55 to 125 degC, 2.54mm Pitch, 2-Pin, Male, RoHS	J2, J6	SMTC-TSW-102-26- XX-S	CMP-1024-00327-1	2
2212S-05SG-85	Connector	J3, J7, J8	RHDSW74PD0254.1X 5.1320X250X850P	2212S-05SG-85	3
SM04B-SRSS- TB_LF_SN	Connector	J4	SM04B-SRSS- TB(LFSN)	SM04B-SRSS- TB_LF_SN	1
TSW-103-26-G-S	Connector	J5	TSW-103-XX-YY-S	TSW-103-26-G-S	1
RC0402JR-07300RL	Fixed Resistor, Metal Glaze/thick Film, 0.0625W, 300ohm, 50V, 5%+/-Tol, 100ppm/Cel, Surface Mount, 0402	R1	RESC1005X40X25NL0 5T10	CMP-009-00179-1	1
RC0402FR-07180RL	Fixed Resistor, Metal Glaze/thick Film, 0.0625W, 180ohm, 50V, 1%+/-Tol, 100ppm/Cel, Surface Mount, 0402	R2	RESC1005X40X25NL0 5T10	CMP-009-00178-1	1
CR0402-FX-2000GLF	Fixed Resistor, Metal Glaze/thick Film, 0.0625W, 200ohm, 50V, 1%+/-Tol, 100ppm/Cel, Surface Mount, 0402	R3	FP-CR0402-IPC_C	CMP-009-00180-1	1
RC0402FR-071R	Fixed Resistor, Metal Glaze/thick Film, 0.0625W, 1.1ohm, 50V, 1%+/-Tol, 200ppm/Cel, Surface Mount, 0402	R4	RESC1005X40X25NL0 5T10	CMP-009-00181-1	1
CR0402-FX-27R0GLF	Fixed Resistor, Metal Glaze/thick Film, 0.0625W, 27ohm, 50V, 1%+/-Tol, 100ppm/Cel, Surface Mount, 0402	R5, R6	FP-CR0402-IPC_C	CMP-009-00182-1	2
CR0402AFX-1001GAS	Fixed Resistor, Metal Glaze/thick Film, 0.063W, 1000ohm, 50V, 1%+/-Tol, 100ppm/Cel, Surface Mount, 0402	R8, R9	FP-CR0402-IPC_C	CMP-009-00177-1	2
RP2040CT	RASPBERRYPI RP2040CT	U1	QFN40P700X700X90- HS-57N	CMP-020-00023-1	1
S25FL128LAGMF010	CYPRESS SEMICONDUCTOR- S25FL128LAGMF010- FLASH MEMORY, 128MBIT, 133MHZ, SOIC-8	U2	SOIC127P800X216-8N	CMP-007-000000-1	1
ABLS-12.000MHZB4- T	Crystal or Oscillator	Y1	ABLS	ABLS-12.000MHZB4- T	1