















LibRef	Description	Designator	Quantity	Supplier 1	Supplier Part Number 1
C_0402_1.0UF_16V	CAP CER 1.0UF 16V X5R 0402	C1, C8, C14		Digi-Key	445-4978-1-ND
C_1206_10UF_25V	CAP CER 10UF 25V X5R 1206	C2	1	Digi-Key	490-5423-1-ND
C_0805_22UF_6.3V	CAP CER 22UF 6.3V X7R 10%0805	C3, C10		Digi-Key	478-3647-1-ND
C_0402_18PF_50V	CAP CER 18PF 50V C0G 5%0402 CAP CER .10UF 16V X7R 0402	C4, C5, C60, C61, C62, C63		Digi-Key	445-1238-1-ND 445-4952-1-ND
C_0402_0.1UF_16V C_0402_2.2UF	CAP CER .100F 16V X7R 0402 CAP CER 2.2UF 6.3V X5R 0402	C6, C41, C44, C59 C7, C17, C18		Digi-Key Digi-Key	445-4999-1-ND
C_0402_4.7UF	CAP CER 4.7UF 6.3V X5R 0402	C9, C19, C31, C52		Digi-Key	490-5408-1-ND
C_0402_33PF	CAP CER 33PF 50V C0G 5% 0402	C11	1	Digi-Key	445-1241-1-ND
C_0402_330PF_50V	CAP CER 330PF 50V 5% NP0 0402	C12	1	Digi-Key	587-1217-1-ND
C_0402_10PF_50V	CAP CER 10PF 50V NP0 0402	C13		Digi-Key	587-1947-1-ND
C_0201_1.0UF	CAP CER 1UF 6.3V 20% X5R 0201	C15, C28, C30	3	Digi-Key	445-8008-1-ND
		C26, C27, C29, C32, C33, C34, C35,			
C_0201_0.1UF	CAP CER 0.1UF 6.3V 10% X5R 0201	C36, C37, C38, C47, C48, C50, C53, C55, C57	23	Digi-Key	445-1796-1-ND
C_0402_47p_50V	CAP CER 47PF 50V 5% C0G 0402	C39, C40	2	Digi-Key	490-1287-1-ND
C_0805_10UF_6.3V	CAP CER 10UF 6.3V X7R 10%0805	C43		Digi-Key	478-5322-1-ND
C_0201_0.01UF	CAP CER 10000PF 6.3V X5R 0201	C49, C51, C54, C56, C58	5	Digi-Key	445-4704-1-ND
FB_0603_120_100MHZ	0603	FB1, FB2	2	Digi-Key	490-1037-1-ND
J_A31727TR-ND	SMD	J1	1	Digi-Key	A31727CT-ND
J_HDR1X8_THRHOLE_VERT_FEMA LE	TIN	J2, J5	2	Digi-Key	S7006-ND
J_HDR1X10_1HRHOLE_VER1_FEM ALE	TIN	J3	1		
LE	TIN	J4	1	Digi-Key	S7004-ND
J_HDR1X2_JUMPER	PCB	J6, J10	2	Digi-Key	SAM1112-12-ND
J_HDR1X3_JUMPER_SELECT	PCB	J7, J12	2	Digi-Key	SAM1112-12-ND
J_LIPO_BAT_CONNECTOR	SMD	J8	1	Digi-Key	455-1749-1-ND
J_HDR2X5_0.05_SMD	SMD	J9, J14	2	Digi-Key	609-3695-1-ND
J_HDR2X4_0.05_RCP_SMD	CONN RECEPT 8POS DUAL SMD	J11	1	Digi-Key	609-3705-1-ND
J_SFMH-140-02-L-D	SMT SMT	J13	1		
L_3.30UH_2A	SMD	L1, L2	2	Digi-Key	587-2892-1-ND
L_FERRITE_120R_100MHZ	FERRITE CHIP 120 OHM 1.2A 0402	L3	1	Digi-Key	445-2981-1-ND
LED_GRN_0402	SMD	LED1, LED2	2	Digi-Key	754-1101-1-ND
R_0402_100.0K	RES 100K OHM 1/16W 1% 0402 SMD		1	Digi-Key	541-100KLCT-ND
R_0402_10.0K	RES 10.0K OHM 1/16W 1%0402 SMD	R2, R12, R13, R14, R15, R18, R19, R23, R24, R28, R29, R30, R31, R32, R33, R34, R35, R40, R41, R42, R43	21	Digi-Key	541-10.0KLDKR-ND
R 0402 332.0	RES 332 OHM 1/16W 1%0402 SMD	R3, R11		Digi-Key	541-332LDKR-ND
	RES 3.01K OHM 1/16W 1%0402				
R_0402_3.01K	SMD RES 1.00K OHM 1/16W 1%0402	R4	1	Digi-Key	RMCF0402FT3K01CT-ND
R_0402_1.0K	SMD	R5, R20, R22	3	Digi-Key	541-1.00KLDKR-ND
R_0402_1.00	RES 1.00 OHM 1/16W 1% 0402 SMD	R6	1	Digi-Key	311-1.00LRDKR-ND
R_0402_324.0K	RES 324K OHM 1/10W 1% 0402 SMD	R7	1	Digi-Key	P324KLCT-ND
R_0402_121.0K	RES 121K OHM 1/10W 1%0402 SMD	R8	1	Digi-Key	P121KLCT-ND
R_0402_15.0K	SMD	R9	1	Digi-Key	P15.0KLCT-ND
R_0402_105.0K	RES 105K OHM 1/10W 1%0402 SMD	R10	1	Digi-Key	P105KLCT-ND
R_0402_49.9	RES 49.9 OHM 1/16W 1%0402 SMD	R16	1	Digi-Key	RMCF0402FT49R9DKR-ND
R_0402_0.00	RES 1.00 OHM 1/16W 1%0402 SMD	R17, R25	2	Digi-Key	P0.0JDKR-ND
R_1206_1.0M	RES 1.00M OHM 1/4W 1%1206 SMD	R21	1	Digi-Key	P1.0MECT-ND
R_0402_22.0	RES 22.0 OHM 1/16W 1% 0402 SMD	R26, R27	2	Digi-Key	311-22.0LRDKR-ND
R_0402_28.7K	RES 28.7K OHM 1/16W 1%0402 SMD	R39	1	Digi-Key	541-28.7KLCT-ND
S_TACTILE_5X5	SWITCH LT 1.5MM HT 160GF SMD	S1, S2, S3	3	Digi-Key	P8046SCT-ND
U_LTC3566	IC USB POWER MANAGER 24-QFN	U1	1	Digi-Key	LTC3566EUF#PBF-ND
U_MC-ARM-STM32F407	MCU ARM 1024KB FLASH 176UFBGA		1	Digi-Key	497-11168-ND
U_W7200 Y_SMD_25.00MHZ_18PF	STACK CRYSTAL 25.000000 MHZ 8PF SMD	U3 Y1	1	Digi-Kay	CTX826CT-ND
Y_SMD_8.00MHZ_10PF	CRYSTAL 25.000000 MHZ 8PF SMD	Y2, Y3	2	Digi-Key Digi-Key	535-9721-1-ND
	OTTLE 0.000 WHILE TOFT GIVID	·, · · ·			