

SeeStar Pro Mini Controller Board (Drawing # 10021167)

Quan	Ref	Value	Manufacturer	Manufacturer PN	Description
1	BT1	S8411-45R	Harwin Inc	S8411-45R	BATTERY HOLDER 12.0MM COIN SMD
2	C1 C5	0.1uF	TDK Corporation	C1608X7R1H104K	CAP CER 0.1UF 50V 10% X7R 0603
1	C2	47uF	United Chemi-con	EMVE500ADA470MF80G	
1	C3	68uF	AVX Corporation	TAJD686K016RNJ	CAP TANTALUM 68UF 16V 10% SMD
6	C4 C6 C7 C8 C9 C10	0.10uF	Kemet	C0603C104K4RAC	CAP, CER, 0.10uF, 16V, 10%, X7R, 0603
1	D1	B340A-13-F	Diodes Inc	B340A-13-F	DIODE SCHOTTKY 3A 40V SMA
1	D2	LTST-C150TBKT	Lite-On Inc	LTST-C150TBKT	LED 468NM BLUE CLEAR 1206 SMD
1	D3	LTST-C150KRKT	Lite-On Inc	LTST-C150KRKT	LED SUPER RED CLEAR 1206 SMD
1	D4	LTST-C150KGKT	Lite-On Inc	LTST-C150KGKT	LED GREEN CLEAR 1206 SMD
1	F1	0154004.DRT	Littelfuse Inc	0154004.DRT	FUSE SLOW 125VAC, 125VDC 4A SMD
3	J1 J3 J5	1725656	Phoenix Contact	1725656	CONN TERM BLOCK 2.54MM 2POS
1	J2	SSW-102-01-T-S	Samtec Inc	SSW-102-01-T-S	CONN RCPT .100" 2POS SNGL TIN
1	J4	SSW-103-01-T-S	Samtec Inc	SSW-103-01-T-S	CONN RCPT .100" 3POS SNGL TIN
1	J6	TSW-102-17-T-S	Samtec Inc	TSW-102-17-T-S	CONN HEADER 2POS .100" SNGL TIN
2	J7 J8	SSW-112-01-T-S	Samtec Inc	SSW-112-01-T-S	CONN RCPT .100" 12POS SNGL TIN
1	L1	33uH	Bourns Inc.	SRN6045-330M	FIXED IND 33UH 1.4A 188 MOHM SMD
1	Q1	SI2369DS-T1-GE3	Vishay Siliconix	SI2369DS-T1-GE3	MOSFET P-CH 30V 7.6A TO-236
2	Q2 Q3	IRF7509TRPBF	International Rectifier	IRF7509TRPBF	MOSFET N/P-CH 30V 2.7A/2A MICRO8
1	Q4	MMBT3904	Fairchild Semiconductor	MMBT3904	TRANSISTOR GP NPN AMP SOT-23
1	R1	0.02	Vishay Dale	WSL1206R0200FEA	RES .02 OHM 1/4W 1% 1206 SMD
1	R2	1.00M	Vishay	CRCW06031M00FKEA	
1	R3	121.0K	Vishay	CRCW0603121KFKEA	
1	R4	22.1K	Vishay	CRCW060322K1FKEA	
1	R5	383.0K	Vishay	CRCW0603383KFKEA	
6	R6 R7 R8 R9 R10 R14	100.0K	Vishay/Dale	CRCW0603100KFKEA	RES 100K OHM 1/10W 1% 0603 SMD
2	R11 R12	1.69K	Vishay	CRCW06031K69FKEA	
1	R13	294	Vishay	CRCW0603294RFKEA	
1	R15	10.0K	Vishay	CRCW060310K0FKEA	
2	R16 R17	0.0	Vishay/Dale	CRCW06030000Z0EA	RES 0.0 OHM 1/10W 0603 SMD
1	U1	MAX5035BASA+	Maxim Integrated	MAX5035BASA+	IC REG BUCK 5V 1A 8SOIC
1	U2	MAX4372FEUK+T	Maxim Integrated Products	MAX4372FEUK+T	IC AMP GAIN +50V/V PREC SOT23-5
1	U3	AD8603AUJZ	Analog Devices Inc	AD8603AUJZ-REEL7	IC OPAMP GP R-R CMOS TSOT23-5
1	U4	MAX3311CUB+	Maxim Integrated	MAX3311CUB+	IC TXRX RS232 460KBPS 10-UMAX
1	U5	DS3234S#	Maxim Integrated Products	DS3234S#	IC RTC W/TCXO 20-SOIC