

Value	Qty	Designator	Footprint	Description	Mfr	Mfr PN	Notes	Fitted	Price for 1K	per board	Price for Qty 5	per board
100nF	8	C2 C3 C7 C9 C14 C16 C17 C19	SM0603_Capa	CAP CER 0.1UF 25V 10% X7R 0603					0.006	0.048	0.03	0.24
330nF	2	C15 C18	SM0603_Capa	CAP CER 0.33UF 25V 10% X7R 0603					0.006	0.012	0.03	0.06
10uF	1	C5	c_elec_5x5.8	CAP ALUM 10UF 25V 20% 5mm x 5.8mm	Panasonic	EEE-HB1E100AR			0.112	0.112	0.62	0.62
	1	C22	c_elec_5x5.8	CAP ALUM 10UF 25V 20% 5mm x 5.8mm	Panasonic	EEE-HB1E100AR		DNP				
10uF	10	C1 C4 C8 C10 C11 C12 C13 C20 C21 C24	SM1206	CAP CER 10UF 16V 10% X7R 1206					0.071	0.71	0.34	3.4
47uF	2	C6 C23	c_elec_5x5.8	CAP ALUM 47UF 16V 20% 5mm x 5.8mm	Panasonic	EEE-FPC470UAR	ESR < 0.5 Ohm		0.153	0.306	0.73	1.46
+15V	1	CON1	ADAM_ADC-028	Connector Barrel Jack 2.1mm SMT	Adam Tech	ADC-028-01	Sparkfun PRT-12748		1.2	1.2	1.5	1.5
TEMP1	1	P5	JST_B2B-PH-SM4-TB	CONN HEADER PH TOP 2POS 2MM SMD	JST	B2B-PH-SM4-TB			0.29	0.29	0.59	0.59
P0 - P9, P10 - P19	2	P1	Molex_015912200	CONN HEADER 20POS DL UNSHRD SMD	Molex	15912200			0.99	1.98	1.77	3.54
TEMP0, TEMP_EXT	2	P4	PIN_ARRAY_2X1	CONN HEADER .100" SNGL STR 2POS	Sullins	PRPC002SAAN-RC		DNP				
3904	2	Q2 Q3	SOT23	TRANS NPN 40V 200MA SOT-23	NXP	MMBT3904			0.024	0.048	0.12	0.24
ZXMP6A13FTA	1	Q1	SOT23	MOSFET P-CH 60V 900MA SOT23-3	Diodes Inc.	ZXMP6A13FTA			0.264	0.264	0.77	0.77
0R	3	R20 R26 R28	SM0603_Resistor	RES 0.0 OHM 1A JUMP 0603 SMD					0.003	0.009	0.02	0.06
0R	1	R24	SM0603_Resistor	RES 0.0 OHM 1A JUMP 0603 SMD				DNP				
10.0R	20	R0 R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11 R12 R13 R14 R15 R16 R17 R18 R19	SM0603_Resistor	RES 10 OHM 1/10W 1% 0603					0.003	0.06	0.02	0.4
120R	3	R25 R29 R30	SM0603_Resistor	RES 120 OHM 1/10W 1% 0603					0.003	0.009	0.02	0.06
1K04	1	R23	SM0603_Resistor	RES 1K04 OHM 1/10W 1% 0603					0.003	0.003	0.02	0.02
4K7	4	R21 R22 R27 R31	SM0603_Resistor	RES 4.7K OHM 1/10W 5% 0603 SMD					0.003	0.012	0.02	0.08
PIXI Analog Shield	1	SHIELD1	ARDUINO_SHIELD_rev03	CONN SET ARDUINO SHIELD	Sparkfun	PRT-11417			1.2	1.2	1.5	1.5
MAX11300GTL+	1	U2	QFN50P-60X60-41N	IC 20-PORT ADC DAC SWITCH GPIO TQFN-48	Maxim	MAX11300GTL+			5.87	5.87	15.51	15.51
LM2663	1	U6	so-8	IC REG INVERTER SW CAP 0.2A SOIC-8	TI	LM2663M/NOPB			1.17	1.17	2.9	2.9
LM1117	1	U1	SOT223	IC REG LDO ADJ 0.8A SOT223	ST Micro	LD1117STR			0.18	0.18	0.62	0.62
LM337	1	U5	SOT223	IC REG LDO NEG ADJ 1A SOT223	TI	LM337IMP/NOPB		DNP	0	0	0	0
78L05	1	U3	sot89	IC REG LDO 5V 0.1A SOT89-3	Fairchild	MC78L05ACH			0.164	0.164	0.59	0.59
78L05	1	U4	sot89	IC REG LDO 5V 0.1A SOT89-3	Fairchild	MC78L05ACH		DNP		0		0
	1	PCB							3.59	3.59		28.35
Total										17.237		62.51