




## Pilot Display Rev.1.0 Bill Of Materials

Picture	Position	DIGIKEY Part Number	Value	Unit price, USD	Qty	Extended price, USD
	C13, C16	445-14722-1-ND	CAP CER 0.047UF 250V X5R 1206	0.35	2	0.7
	C1, C2, C3, C4, C7, C8, C9, C10, C11, C12, C15	445-14718-1-ND	CAP CER 0.1UF 250V 20% X5R 1206	0.28	11	3.08
	C17	399-1234-1-ND	CAP CER 10000PF 50V 10% X7R 1206	0.16	1	0.16
	C14	1276-3044-1-ND	CAP CER 10UF 10V 20% X5R 1206	0.23	1	0.23
	C5, C6	1276-1844-1-ND	CAP CER 18PF 50V 5% NP0 1206	0.16	2	0.32
	C20	587-3372-1-ND	CAP CER 2.2UF 35V 10% X5R 1206	0.38	2	0.78
	C21	P15451CT-ND	CAP ALUM 22UF 35V 20% SMD	1.79	1	1.79

Picture	Position	DIGIKEY Part Number	Value	Unit price, USD	Qty	Extended price, USD
	C18	P16502CT-ND	CAP ALUM 56UF 20V 20% SMD	1.31	1	1.31
	R11	RHM1.58KCJCT-ND	RES 1.58K OHM 1/4W 1% 1206 SMD	0.1	1	0.1
	R10	RHM1.00KCJCT-ND	RES 1K OHM 1/4W 1% 1206 SMD	0.1	1	0.1
	R3, R4, R5, R9	RMCF1206JT10K0CT-ND	RES 10K OHM 1/4W 5% 1206	0.05	4	0.2
	R1, R2, R6, R7	RMCF1206JT1K00CT-ND	RES 1K OHM 1/4W 5% 1206	0.05	4	0.2
	R8, R12	RMCF1206JT39K0CT-ND	RES 39K OHM 1/4W 5% 1206	0.05	2	0.1
	Y1	535-9833-1-ND	CRYSTAL 10MHZ 18PF SMD	0.96	1	0.96
	L1	445-6533-1-ND	INDUCTOR POWER 22UH 1.7A SMD	0.52	1	0.52

Picture	Position	DIGIKEY Part Number	Value	Unit price, USD	Qty	Extended price, USD
	ZD1	1N5819HW-FDICT-ND	DIODE SCHOTTKY 40V 1A SOD123	0.57	1	0.57
	D1, D2	568-6504-1-ND	DIODE SCHOTTKY 20V 1A SOD123W	0.48	2	0.96
	U2	ATMEGA1284P-AURCT-ND	IC MCU 8BIT 128KB FLASH 44TQFP	8.99	1	8.99
	U1	768-1007-1-ND	IC USB FS SERIAL UART 28-SSOP	4.5	1	4.5
	U5	LM22675MRE-ADJ/NOPBCT-ND	IC REG BUCK ADJ 1A 8SOPWRPAD	4.61	1	4.61
	U4, U6	MAX6957AAI+-ND	IC DRIVER LED PORT 20/28 28-SSOP	8.29	1	8.29
	U3	497-6533-1-ND	IC DRVR/RCVR RS232 LP 16-SOIC	1.14	1	1.14

Picture	Position	DIGIKEY Part Number	Value	Unit price, USD	Qty	Extended price, USD
	LD29-:LD38, LD20-LD26, LD3-LD9, LD16	754-1608-ND	LED SS 505NM GREEN	0.43	26	11.24
	LD27, LD13, LD14, LD10, LD17, LD18	754-1588-ND	LED ORANGE CLEAR 3MM 601NM	0.31	6	1.86
	LD11, LD15, LD28, LD19	732-5013-ND	WL-TMRW THT LED ROUND WATERCLEAR	0.28	4	1.12
	LD1, LD2	160-1737-1-ND	LED WHITE YELLOW 260MCD 1206	0.58	2	1.16
	F1	507-1798-1-ND	PTC RESTTBLE 0.25A 16V CHIP 1206	0.12	1	0.12
	PC1	PDV-P8104-ND	PHOTOCELL 27-60KOHM	0.89	1	0.89
	P1	732-2735-ND	CONN MINI USB 5PIN VERT T/H	4.43	1	4.43

Picture	Position	DIGIKEY Part Number	Value	Unit price, USD	Qty	Extended price, USD
	P2, P4	609-3305-ND	CONN HEADER 4POS .100 STR TIN	0.19	2	0.38
	P3	609-3210-ND	CONN HEADER 6POS .100 STR 15AU	0.29	1	0.29
	P5	A33080-ND	CONN HEADER R/A .100 8POS 15AU	2.21	1	2.21
					<b>Total</b>	<b>0</b>