

	Electronics Parts List for Laser Driver Kit					
QTY.	DESCRIPTION	REFERENCE DESIGNATOR FROM SCHEMATIC	VENDOR	PART NUMBER	PRICE	TOTAL
1	35mW LDC - PDA Laser Diode	U5	Power Technology	LD1241	48.00	48.00
1	IC HIGH CURR/PWR OPAMP	U2	DIGIKEY	OPA551PA-ND	2.45	2.45
1	IC FET INPUT OP AMP	U1	DIGIKEY	OPA137UA-ND	0.90	0.90
1	IC 2.5V 150MA LDO REG	U3	DIGIKEY	296-2716-5-ND	0.75	0.75
1	HOLDER BATT 9V	U4	DIGIKEY	BH9V-PC-ND	0.89	0.89
1	RES 150K OHM 1/4W 1% METAL FILM	R5	DIGIKEY	150KXBK-ND	0.19	0.19
1	RES 100K OHM 1/4W 1% METAL FILM	R4	DIGIKEY	100KXBK-ND	0.19	0.19
1	RES 499K OHM 1/4W 1% METAL FILM	R6	DIGIKEY	499KXBK-ND	0.19	0.19
3	RES 10.0K OHM 1/4W 1% METAL FILM	R1,R2,R3	DIGIKEY	10.0KXBK-ND	0.06	0.19
1	RES 15 OHM 1/2W 5% CARBON FILM	R8	DIGIKEY	15H-ND	0.12	0.12
1	POT 1.0M OHM 1/4"	R7	DIGIKEY	3362P-105-ND	0.71	0.71
2	CAPACITOR TANT 10UF 20V	C2,C6	DIGIKEY	399-3564-ND	0.59	1.18
7	CAP .1UF 100V	C3,C4,C7,C8,C10,C11,C12	DIGIKEY	399-2048-ND	0.14	1.00
1	ac-dc 9V wall trans		JAMECO	202155	2.64	2.64
1	2.1mm jack for transformer	connects to J1 and J2	JAMECO	151554	1.05	1.05
1	toggle switch	SW1	JAMECO	22832	0.95	0.95
1	Printed Circuit Board		Advanced Circuits	B833	4.73	4.73
					TOTAL	\$66.14