LA45 PCB BOM	Description	Quantity	Manufacturer	Stock Number	USD ea.	Total
Q1, Q2, Q5, Q7, Q9, Q10	TRANS NPN MPS8099	12	ON Semiconductor	DK MPS8099	0.50	6.00
Q3, Q4, Q6, Q8, Q11	TRANS PNP MPSA56	10	ON Semiconductor	DK MPS8599RLRAGOSCT-ND	0.50	5.00
Q13, Q14	TRANS NPN 2N3439	4	STMicroelectronics	DK 497-2576-5-ND	2.00	8.00
Q12, Q15	TRANS PNP 2N5416	4	STMicroelectronics	DK 497-2596-5-ND	2.25	9.00
Q16	TRANS PWR NPN MJE15030	2	ON Semiconductor	DK MJE15030GOS-ND	1.50	3.00
Q17	TRANS PWR PNP MJE15031	2	ON Semiconductor	DK MJE15031GOS-ND	1.50	3.00
Q18, Q20	TRANS PWR NPN MJ15003	4	ON Semiconductor	DK MJ15003GOS-ND	4.25	17.00
Q19, Q21	TRANS PWR NPN MJ15004	4	ON Semiconductor	DK MJ15004GOS-ND	4.25	17.00
Heat Sink for Q16, Q17	HEATSINK TO-220 CLIP-ON BLK	4	Aavid	DK HS111-ND	0.40	1.60
Q18-21 Socket	SOCKET FOR .090" TO-3 CASE	8	Keystone Electronics	DK 4601K-ND	2.40	19.20
Q18-21 Wafer	THERMAL PAD TO-3	8	Bergquist	DK BER100-ND	0.75	6.00
D1, D2, D3, D4, D11, D12	DIODE GP 400V 1A DO204AL	12	Vishay	DK 1N4004-E3/54GICT-ND	0.50	6.00
D5, D6, D7, D8, D9, D10	DIODE SS FAST 100V 200MA DO35	12	Fairchild Semiconductor	DK 1N4148TACT-ND	0.15	1.80
D13, D14, D15, D16	DIODE ZENER 20V 500MW DO35	8	Fairchild Semiconductor	DK 1N5250B-ND	0.15	1.20
C1	CAP 390PF 500V MICA RADIAL	2	Cornell Dubilier	DK 338-1057-ND	2.90	5.80
C2, C3, C15, C16, C23, C24	CAP FILM 0.1UF 100VDC RADIAL	12	EPCOS	DK 495-1149-ND	0.60	7.20
C7, C12, C17, C18	CAP FILM 0.1UF 100VDC RADIAL	8	EPCOS	DK 495-1147-ND	0.30	2.40
C4, C5, C13, C14, C21, C22	CAP 100UF 63V ELECT FC RADIAL	12	Panasonic	DK P10343-ND	0.60	7.20
C6	CAP ELECT 220UF 16V SU NON-POLAR	2	Panasonic	DK P1168-ND	0.75	1.50
C6 a/b (alt. to C6)	CAP 330UF 16V ELECT FC RADIAL	4	Panasonic	DK P10246-ND	0.50	2.00
C8	CAP 180PF 500V MICA RADIAL	2	Cornell Dubilier	DK 338-1082-ND	1.90	3.80
C9	CAP 47PF 300V MICA RADIAL	2	Cornell Dubilier	DK 338-1084-ND	2.40	4.80
C10, C11	CAP 10PF 500V MICA RADIAL	4	Cornell Dubilier	DK 338-1068-ND	1.50	6.00
C19, C20	CAP .01UF 50V STACK METAL FILM	4	Panasonic	DK P4513-ND	0.30	1.20
P1	POT 2.0K OHM 3/8" SQ CERM SL ST	2	Bourns	DK 3386P-202LF-ND	1.25	2.50
R1	RES METAL FILM 20.0K OHM 1/4W 1%	10	Yageo	DK 20.0KXBK-ND	0.15	1.50
R2	RES 2.00K OHM 1/4W 1% METAL FILM	10	Yageo	DK 2.00KXBK-ND	0.15	1.50
R3-R10	RES 301 OHM 1/4W 1% METAL FILM	20	Yageo	DK 301XBK-ND	0.15	3.00
R11, R12, R27	RES 1.21K OHM 1/4W 1% METAL FILM	10	Yageo	DK 1.21KXBK-ND	0.15	1.50
R13, R14	RES 2.21K OHM 1/4W 1% METAL FILM	10	Yageo	DK 2.21KXBK-ND	0.15	1.50
R15, R16	RES 12.1K OHM 1/4W 1% METAL FILM	10	Yageo	DK 12.1KXBK-ND	0.15	1.50
R17, R18	RES 11.0K OHM 1/4W 1% METAL FILM	10	Yageo	DK 11.0KXBK-ND	0.15	1.50
R19	RES 1.10K OHM 1/4W 1% METAL FILM	10	Yageo	DK 1.10KXBK-ND	0.15	1.50
R20	RES 22.1K OHM 1/4W 1% METAL FILM	10	Yageo	DK 22.1KXBK-ND	0.15	1.50
R21, R22	RES 29.4 OHM 1/4W 1% METAL FILM	10	Yageo	DK 29.4XBK-ND	0.15	1.50
R23, R24	RES 365 OHM 1/4W 1% METAL FILM	10	Yageo	DK 365XBK-ND	0.15	1.50
R25, R26	RES 1.00K OHM 1/4W 1% METAL FILM	10	Yageo	DK 1.00KXBK-ND	0.15	1.50
R28, R29	RES 274 OHM 1/4W 1% METAL FILM	10	Yageo	DK 274XBK-ND	0.15	1.50
R30, R31	RES 3.92K OHM METAL FILM .50W 1%	10	Vishay	DK PPC3.92KXCT-ND	0.25	2.50
R32, R33, R51	RES 82.5 OHM 1/4W 1% METAL FILM	10	Yageo	DK 82.5XBK-ND	0.15	1.50
R34, R35	RES 332 OHM 1/4W 1% METAL FILM	10	Yageo	DK 332XTR-ND	0.15	1.50
R36	RES 221 OHM METAL FILM .50W 1%	10	Vishay	DK PPC221XCT-ND	0.25	2.50
R37-R40	RES 681 OHM 1/4W 1% METAL FILM	10	Yageo	DK 681XBK-ND	0.15	1.50
R41-R44	RES 10.0 OHM METAL FILM .50W 1%	10	Vishay	DK PPC10.0XCT-ND	0.25	2.50
R45-R48	RES .33 OHM 5W 5% WIREWOUND	8	Yageo	DK 0.33W-5-ND	0.50	4.00
R49	RES 10 OHM 1% WW AXIAL	2	Vishay	DK ALSR5F-10-ND	1.75	3.50
PCB	Marshal Leach V4.5	2	Pi-Amp.com		25.00	50.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**238.70**