

Linear Technology Corporation

LTC3453EUF

HIGH EFFICIENCY BUCK-BOOST LED DRIVER

ENG: KEITH SZOLUSHA (23-30)

BILL OF MATERIALS

DC810A-2

QTY-450

10/18/2004

2:08 PM

| Item | Qty | Reference | Part Description | Manufacture / Part # | Kit Qty |
|------|-----|--------------------------------|---|---------------------------|------------|
| | | | | NUMBER OF BOARDS = | 450 |
| 1 | 1 | BT1 (CUSTOMER PROVIDE) | BATTERY HOLDER, 3AAA | KEYSTONE, 2479 | 450 |
| 2 | 2 | SCREWS (CUSTOMER PROVIDE) | M2 X 0.4 SCREW | M2 X 0.4 SCREW | 900 |
| 3 | 2 | HEX NUT (CUSTOMER PROVIDE) | M2 X 0.4 HEX NUT | M2 X 0.4 HEX NUT | 900 |
| 4 | 4 | WASHER (CUSTOMER PROVIDE) | 3MM METRIC WASHER | H275125019 | 1800 |
| 5 | 1 | C1 | CAP., X5R, 2.2uF 6.3V, 10%,0603 | AVX, 06036D225KAT1A | 450 |
| 6 | 1 | C2 | CAP., X5R, 4.7uF 6.3V, 10%,0603 | AVX, 06036D475KAT1A | 450 |
| 7 | 3 | C3,C4,C5 | CAP., X5R, 0.1uF 6.3V, 20%,0402 | AVX, 04026D104MAT1A | 1350 |
| 8 | 0 | JP1 | JMP, 2X3PIN, 0.079CC | COMM CON, 2202S-06G2 | 0 |
| 9 | 1 | LED1 (CUSTOMER PROVIDE) | LED EMITTER, LXCL-PWF1 | LUMILEDS, LXCL-PWF1 | 450 |
| 10 | 1 | LED2 | LED CHIP, GREEN/RED COLOR,LED-LTST-C155KGJRKT | LITE-ON, LTST-C155KGJRKT | 450 |
| 11 | 1 | L1 | IND, 4.7uH, L-DO3314 | COILCRAFT, DO3314-472MXC | 450 |
| 12 | 2 | R1,R2 | RES., CHIP, 1k 1/16W, 5%, 0402 | AAC., CR05-102JM | 900 |
| 13 | 1 | R3 | RES., CHIP, 8.25k 1/16W, 1%, 0402 | AAC., CR05-8251FM | 450 |
| 14 | 1 | R4 | RES., CHIP, 3.48k 1/16W, 1%, 0402 | AAC., CR05-3481FM | 450 |
| 15 | 3 | R5,R6,R7 | RES., CHIP, 10K 1/16W, 5%, 0402 | AAC., CR05-103JM | 1350 |
| 16 | 3 | SW1,SW2,SW3 (CUSTOMER PROVIDE) | SWITCH, PUSH BUTTON,SW-7914J | BOURNS, 7914J-1-000-E | 1350 |
| 17 | 1 | U1 | IC, LTC3453EUF, QFN4X4-16UF | LINEAR TECH., LTC3453EUF | 450 |
| 18 | 1 | U2 | IC, PIC16F630I/ST, TSSOP14 | MICROCHIP, PIC16F630I/ST | 450 |
| 19 | 1 | STENCIL-TOP SIDE ONLY | | | 1 |