

LINEAR TECHNOLOGY**LTC2360 FAMILY**

ENG: GUY HOOVER (25-30)

BILL OF MATERIALS**DC1190A2 - GENERAL BOM****QTY-225**

12/12/2011 1:29 PM

| Item | Qty | Reference | Part Description | Manufacture / Part # | Kit Qty |
|------|-----|---|----------------------------------|-----------------------------------|------------|
| | | | | NUMBER OF BOARDS = | 225 |
| 1 | 3 | C1,C2,C11 | CAP., X5R, 10UF 6.3V 20%, 0603 | TDK, C1608X5R0J106M | 675 |
| 2 | 13 | C3,C12-C16,C18-C24 | CAP., X7R, 0.1UF 10V 10%,0603 | AVX, 0603ZC104KAT2A | 2925 |
| 3 | 1 | C4 | CAP., NPO, 47PF 50V 10%,0603 | AVX, 06035A470KAT2A | 225 |
| 4 | 3 | C5,C7,C10 | CAP., X7R, 1UF 10V 10%,0603 | AVX, 0603ZD105KAT2A | 675 |
| 5 | 2 | C6,C9 | CAP., X7R, 0.01UF 16V 10%,0603 | AVX, 0603YC103KAT2A | 450 |
| 6 | 1 | C8 | CAP., X5R, 47UF 10V 20%,1210 | TDK, C3225X5R1A476M | 225 |
| 7 | 0 | C25 | CAP., X5R, 10UF 6.3V 20%, 0603 | OPT | 0 |
| 8 | 0 | C26 | CAP., X7R, 0.1UF 10V 10%,0603 | OPT | 0 |
| 9 | 1 | C17 | CAP., X5R, 2.2UF 16V 20%,0603 | TDK, C1608X5R1C225M | 225 |
| 10 | 4 | E1,E3,E6,E7 | TESTPOINT, TURRET, .061" | MILL-MAX, 2308-2-00-80-00-00-07-0 | 900 |
| 11 | 3 | E2,E4,E5 | TP, TURRET, 0.094" | MILL-MAX, 2501-2-00-80-00-00-07-0 | 675 |
| 12 | 2 | JP1,JP2 | HEADER, 1X3, 0.100" | ADAM TECH., PH1-03-SGA | 450 |
| 13 | 1 | JP3 | HEADER, 2X3, 0.100" | ADAM TECH., PH2-06-SGA | 225 |
| 14 | 1 | JP4 | HEADER, 3X8, 0.100" | ADAM TECH., PH3-24-SGA | 225 |
| 15 | 3 | SHUNTS ON JP1-JP2 (2&3), JP4 (ASSY DWG) | SHUNT, .100" CENTER | SAMTEC, SNT-100-BK-G | 675 |
| 16 | 2 | J2,J1 | CON., SMA 50-OHM EDGE-LANCH | E.F. JOHNSON, 142-0701-851 | 450 |
| 17 | 1 | J3 | HEADER, 2X7PIN, 0.079CC | MOLEX, 87831-1420 | 225 |
| 18 | 1 | R1 | RES., Chip 0 OHMS 1/16W 5%,0603 | VISHAY, CRCW06030000JNEA | 225 |
| 19 | 1 | R2 | RES., Chip 100 1/16W 5%,0603 | VISHAY, CRCW0603100RJNEA | 225 |
| 20 | 2 | R3,R5 | RES., Chip 10 OHMS 1/16W 5%,0603 | VISHAY, CRCW060310R0JNEA | 450 |
| 21 | 0 | R4 | RES.,1206 | OPT | 0 |
| 22 | 2 | R6,R9 | RES., Chip 1K 1/16W 5%,0603 | VISHAY, CRCW06031K00JNEA | 450 |
| 23 | 1 | R8 | RES., Chip 49.9 1/4W 1%,1206 | VISHAY, CRCW120649R9FKEA | 225 |
| 24 | 4 | R7,R13,R14,R17 | RES., Chip 33 OHMS 1/16W 5%,0603 | VISHAY, CRCW060333R0JNEA | 900 |
| 25 | 2 | R10,R11 | RES., Chip 2.49K 1/16W 1%,0603 | VISHAY, CRCW06032K49FKEA | 450 |
| 26 | 5 | R12,R15,R18,R19,R20 | RES., Chip 4.99K 1/16W 1%,0603 | VISHAY, CRCW06034K99FKEA | 1125 |
| 27 | 1 | R16 | RES., Chip 4.7K 1/16W 5%,0603 | VISHAY, CRCW06034K70JNEA | 225 |
| 28 | 1 | R21 | RES., Chip 750 1/16W 5%,0603 | VISHAY, CRCW0603750RJNEA | 225 |
| 29 | 0 | R22 | RES., Chip 100 1/16W 5%,0603 | OPT | 0 |
| 30 | 1 | U2 | I.C., LT1790ACS6-2.5, SOT23-6 | LINEAR TECH., LT1790ACS6-2.5 | 225 |
| 31 | 4 | U3,U5,U7,U8 | I.C., NC7SVU04P5X, SC70-5 | FAIRCHILD SEMI., NC7SVU04P5X | 900 |
| 32 | 1 | U4 | I.C., LT1761ES5-2.5#PBF, SOT23-5 | LINEAR TECH., LT1761ES5-2.5#PBF | 225 |
| 33 | 1 | U6 | I.C., LT1761ES5-3.3#PBF, SOT23-5 | LINEAR TECH., LT1761ES5-3.3#PBF | 225 |
| 34 | 1 | U9 | I.C., NL17SZ74USG, US8 | ON SEMI., NL17SZ74USG | 225 |

LINEAR TECHNOLOGY

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BILL OF MATERIALS

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QTY-225

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| | | | | | |
|----|---|---------------|--|--------------------------------|-----|
| 35 | 1 | U10 | I.C., NC7SZ66P5X, SC70-5 | FAIRCHILD SEMI., NC7SZ66P5X | 225 |
| 36 | 2 | U11,U14 | I.C., LT1719CS6#PBF, SOT23-6 | LINEAR TECH., LT1719CS6#PBF | 450 |
| 38 | 2 | U12,U13 | I.C., NC7SZ04P5X, SC70-5 | FAIRCHILD SEMI., NC7SZ04P5X | 450 |
| 39 | 1 | U15 | I.C. 24LC025, TSSOP-8 | MICROCHIP, 24LC025-I /ST (PbF) | 225 |
| 40 | 0 | U26 | I.C., LTC2366IS6, SOT23-6 | OPT | 0 |
| 41 | 4 | MTG 4 CORNERS | STAND-OFF, NYLON (SNAP ON), 0.25" TALL | KEYSTONE, 8831(SNAP ON) | 900 |
| 42 | 1 | | STENCIL TOP SIDE | DC1190A | 1 |

LINEAR TECHNOLOGY**LTC2366ITS8**

3MSPS, 12-BIT, SERIAL ADC

BILL OF MATERIALS**DC1190A2-A****QTY-45**

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| <i>Item</i> | <i>Qty</i> | <i>Reference</i> | <i>Part Description</i> | <i>Manufacture / Part #</i> | <i>Kit Qty</i> |
|-------------|------------|------------------|-----------------------------|-----------------------------|----------------|
| | | | | | |
| | | | | NUMBER OF BOARDS = | 45 |
| | | | | | |
| 1 | 1 | GENERAL BOM | DC1190A-2 | | 1 |
| 2 | 1 | U1 | I.C., LTC2366ITS8, TSOT23-8 | LINEAR TECH., LTC2366ITS8 | 45 |

LINEAR TECHNOLOGY**LTC2365ITS8**

1MSPS, 12-BIT, SERIAL ADC

BILL OF MATERIALS**DC1190A2-B****QTY-45**

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| <i>Item</i> | <i>Qty</i> | <i>Reference</i> | <i>Part Description</i> | <i>Manufacture / Part #</i> | <i>Kit Qty</i> |
|-------------|------------|------------------|-----------------------------|-----------------------------|----------------|
| | | | | | |
| | | | | NUMBER OF BOARDS = | 45 |
| | | | | | |
| 1 | 1 | GENERAL BOM | DC1190A-2 | | 1 |
| 2 | 1 | U1 | I.C., LTC2365ITS8, TSOT23-8 | LINEAR TECH., LTC2365ITS8 | 45 |

LINEAR TECHNOLOGY**LTC2362ITS8**

0.5MSPS, 12-BIT, SERIAL ADC

BILL OF MATERIALS**DC1190A2-C****QTY-45**

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| <i>Item</i> | <i>Qty</i> | <i>Reference</i> | <i>Part Description</i> | <i>Manufacture / Part #</i> | <i>Kit Qty</i> |
|-------------|------------|------------------|-----------------------------|-----------------------------|----------------|
| | | | | | |
| | | | | NUMBER OF BOARDS = | 45 |
| | | | | | |
| 1 | 1 | GENERAL BOM | DC1190A-2 | | 1 |
| 2 | 1 | U1 | I.C., LTC2362ITS8, TSOT23-8 | LINEAR TECH., LTC2362ITS8 | 45 |

LINEAR TECHNOLOGY**LTC2361ITS8**

0.25MSPS, 12-BIT, SERIAL ADC

BILL OF MATERIALS**DC1190A2-D****QTY-45**

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| <i>Item</i> | <i>Qty</i> | <i>Reference</i> | <i>Part Description</i> | <i>Manufacture / Part #</i> | <i>Kit Qty</i> |
|-------------|------------|------------------|-----------------------------|-----------------------------|----------------|
| | | | | | |
| | | | | NUMBER OF BOARDS = | 45 |
| | | | | | |
| 1 | 1 | GENERAL BOM | DC1190A-2 | | 1 |
| 2 | 1 | U1 | I.C., LTC2361ITS8, TSOT23-8 | LINEAR TECH., LTC2361ITS8 | 45 |

LINEAR TECHNOLOGY**LTC2360ITS8**

0.1MSPS, 12-BIT, SERIAL ADC

BILL OF MATERIALS**DC1190A2-E****QTY-45**

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| <i>Item</i> | <i>Qty</i> | <i>Reference</i> | <i>Part Description</i> | <i>Manufacture / Part #</i> | <i>Kit Qty</i> |
|-------------|------------|------------------|-----------------------------|-----------------------------|----------------|
| | | | | | |
| | | | | NUMBER OF BOARDS = | 45 |
| | | | | | |
| 1 | 1 | GENERAL BOM | DC1190A-2 | | 1 |
| 2 | 1 | U1 | I.C., LTC2360ITS8, TSOT23-8 | LINEAR TECH., LTC2360ITS8 | 45 |