

| 142 | 1 | TEST PH1 | SFM-140-L2-S-D-LC | Samtec | SFM-140-L2-S-D-LC | CONN HEADER BOPDS, 10P, 5MD, TIN | PHF140ZP-S1-Z7 | HD 40xP, 50, 2MOLD, F | Yes | Samtec | SFM-140-L2-S-D-LC | 09 00145_01 |
|-----|----|---|----------------------|---------------------------------------|----------------------|---|-------------------|-----------------------------|-----|-------------------|-------------------------|-------------|
| 143 | 38 | TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28, TP29, TP30, TP31, TP32, TP33, TP34, TP35, TP37, TP44, TP45, TP133, TP134, TP135, TP162 | Test Point | -NA- | -NA- | TEST PAD TP-540 | -NA- | TP-540 | Yes | -NA- | -NA- | -NA- |
| 144 | 1 | USB1 | 54819-0519 | Molex | 54819-0519 | CONN USB RCI/PCFLEACE SPOS RT ANG | NIUR8P, Through H | MOL54819-0519 | Yes | DieKey | WM17115-ND | 09 00661_01 |
| 145 | 1 | U1 | IDT5V4108BARGGJ | IDT, Integrated Device Technology Inc | IDT5V4108BARGGJ | IC CLK MUX 2:1 18T50P | 16-TSSOP | SOIC 16P 26 197x252 | Yes | DieKey | 800-2130-1-ND | 01 00894_01 |
| 146 | 2 | US106 | MT41J128M16HA-125 | Micron | MT41J128M16HA-125G | IC DRAM SDRAM ZIGBIT MFBGA | FBGA66 | BGA 66P 31 524x295_C14 | Yes | DieKey | MT41J128M16HA-125G-0-ND | 01 00780_01 |
| 147 | 1 | US | MT41J128M16HA-125 | Micron | MT41J128M16HA-125G | IC DRAM SDRAM ZIGBIT MFBGA | FBGA66 | BGA 66P 31 524x295_C14 | Yes | DieKey | MT41J128M16HA-125G-0-ND | 01 00778_01 |
| 148 | 1 | U9 | FT232RL | FTDI | FT232RL | IC USB UART/FTDI DUAL HS 64LQFP | LQFP-64 | QFP 64P 20 472x472 | Yes | DieKey | 768-1024-1-ND | 01 00192_01 |
| 149 | 1 | U10 | TSS080E-PWR | Texas Instruments | TSS080E-PWR | IC BRIT NON-INV TRANSLETN 20TSSOP | 20-TSSOP | SOIC 20P 26 256x258 | Yes | DieKey | 296-23021-1-ND | 01 00472_01 |
| 150 | 1 | U11 | SN74AHC00PWR | Texas Instruments | SN74AHC00PWR | IC QUAD 2IN POS-NAND GTE 14TSSOP | TSSOP14 | SOIC 14P 26 197x252 | Yes | DieKey | 296-13880-1-ND | 01 00550_01 |
| 151 | 1 | U12 | AT93C46DN-SH-T | Atmel | AT93C46DN-SH-T | IC EEPROM 1KBIT 2MHZ 85SDIC | SOIC8 | SOIC 8P 50 193x236 | Yes | DieKey | AT93C46DN-SH-T-ND | 01 00440_01 |
| 152 | 3 | U13, U13A, U13B | SN74AHC125PWR | Texas Instruments | SN74AHC125PWR | IC BUS TRANSCEIVER 16TSSOP | 16-TSSOP | SOIC 16P 26 197x252 | Yes | Texas Instruments | SN74AHC125PWR | 01 00645_01 |
| 153 | 1 | U26 | AT25128B-SH-B | Atmel | AT25128B-SH-B | IC EEPROM 128KBIT 20MHZ 85SDIC | SOIC8 | SOIC 8P 50 193x236 | Yes | DieKey | AT25128B-SH-B-ND | 01 00840_01 |
| 154 | 1 | U27 | TP551200DRCT | Texas Instruments | TP551200DRCT | IC SINK/SOURCE DOR REG 10 SON | SON10 | QFN10P 20 118x118 TP55160V5 | Yes | DieKey | 296-23830-1-ND | 01 00725_02 |
| 155 | 1 | U29 | TP54241D | Texas Instruments | TP54241D | IC BUCK ADJ 2A 85SDIC | SOIC8 | SOIC 8P 50 193x236 | Yes | DieKey | 296-23844-1-ND | 01 00841_01 |
| 156 | 2 | U30, U36 | TP544008GVYR | Texas Instruments | TP544008GVYR | IC BUCK SYNC 40146 14VSDIC | QFN14 | QFN 14P 20 118x118 TP29 | Yes | DieKey | 296-26554-1-ND | 01 00391_01 |
| 157 | 1 | U32 | UCD9222G2R | Texas Instruments | UCD9222G2R | IC DCTL PWM SYST CTRL R 48VSDIC | 48-VQFN | QFN 48P 20 278x278 TP202225 | Yes | DieKey | UCD9222G2R-ND | 01 00842_01 |
| 158 | 1 | U34 | UCD724265IT | Texas Instruments | UCD724265IT | IC BUCK SYNC 13A 1A 120VSDIC | QFN12 | QFN 12P 20 216x216 USC7242 | Yes | DieKey | 296-27191-1-ND | 01 00841_01 |
| 159 | 3 | U244, U245, U248 | PC493060CUB | Texas Instruments | PC493060CUB | IC Dual IC Voltage Transducer | 8-VSSOP | SOIC 8P 20 79x112 | Yes | DieKey | 296-11988-1-ND | 01 00641_01 |
| 160 | 1 | U249 | MAX3221CPWR | Texas Instruments | MAX3221CPWR | IC RS232 3V-5.5V DRVR 16-TSSOP | 16-TSSOP | SOIC 16P 26 197x252 | Yes | Texas Instruments | MAX3221CPWR | 01 00390_01 |
| 161 | 2 | U251, U252, U253 | SN74ALVC1607DWR | Texas Instruments | SN74ALVC1607DWR | IC BUFF/DWR NON-INVERT 50TSSOP | SOT-23-5 | SOT 23-5 | Yes | DieKey | 296-8485-1-ND | 01 00841_01 |
| 162 | 2 | U254, U259 | TSX 3010GG | Texas Instruments | TSX 3010GG | IC LAM SWITCH 3V SPT 48-TSSOP | 48-TSSOP | SOIC 48P 20 492x319 | Yes | DieKey | 296-11533-1-ND | 01 00397_01 |
| 163 | 1 | U255 | SN74ALVC125PWR | Texas Instruments | SN74ALVC125PWR | IC BUS BUFF 1B1-SOT 45TSSOP | TSSOP14 | SOIC 14P 26 197x252 | Yes | DieKey | 296-5115-1-ND | 01 00845_01 |
| 164 | 1 | U260 | N29202A11S1440F | Micron | N29202A11S1440F | IC NOR Flash Mem Serial 1-BV 128M Bit 4M x 8 7ns 8-Pin SO | SOFP28 | SOP127P28-0 | Yes | Arrow Electronics | N29202A11S1440F | 01 00851_01 |
| 165 | 1 | U264 | ALC028-10T | Microchip Technology | ALC028-10T | IC EEPROM 2KBIT 80KHZ 8-TSSOP | 8-TSSOP | TSSOP8P40-8 | Yes | DieKey | 246-0208-10T-ND | 01 00851_01 |
| 166 | 1 | U266 | SN74ALVC1608DCKR | Texas Instruments | SN74ALVC1608DCKR | SINGLE POSITIVE AND GATE 5C-70 | 6-TSSOP | SOIC 6P | Yes | DieKey | 296-11602-1-ND | 01 00016_01 |
| 167 | 1 | U267 | SN74ALVC1632DCKR | Texas Instruments | SN74ALVC1632DCKR | IC POSITIVE-OR GATE 2-IN 5C-70 | 6-TSSOP | SOIC 6P | Yes | DieKey | 296-9848-1-ND | 01 00183_01 |
| 168 | 2 | U268, U1065 | SN74ALVC163DCKR | Texas Instruments | SN74ALVC163DCKR | IC GATE 2-IN POS-OR 5C-70 | 6-TSSOP | SOIC 6P | Yes | DieKey | 296-12664-1-ND | 01 00879_01 |
| 169 | 1 | U1131 | TPS806180BVR | Texas Instruments | TPS806180BVR | IC VOLT SUPERVISOR 1.8V SOT23-6 | SOT-23-6 | SOT23-6 | Yes | DieKey | 296-17162-1-ND | 01 00441_01 |
| 170 | 1 | Y1 | ABS10-32-768KHZ-T | Abrakon Corporation | ABS10-32-768KHZ-T | CRYSTAL 32.768KHZ 12-SPF SMD | 4.9mm x 1.8mm | XTAL ABS10 | Yes | DieKey | 535-9536-1-ND | 08 00058_02 |
| 171 | 1 | Y2 | ABM3B-25-000MHZ-B2-T | Abrakon Corporation | ABM3B-25-000MHZ-B2-T | CRYSTAL 25.000MHZ 3RFF-FUNG SMD | 5.0mm x 3.2mm | XTAL ABM3B | Yes | DieKey | 535-9316-1-ND | 08 00068_01 |
| 172 | 1 | Y3 | ABM3B-25-000MHZ-B2-T | Abrakon Corporation | ABM3B-25-000MHZ-B2-T | CRYSTAL 25.000MHZ 3RFF-FUNG SMD | 5.0mm x 3.2mm | XTAL ABM3B | Yes | DieKey | 535-9318-1-ND | 08 00068_01 |
| 173 | 1 | Y5 | 7A-25-000MAA1-T | TXC CORPORATION | 7A-25-000MAA1-T | CRYSTAL 25.000 MHz 18PF SMD | 5.00mm x 3.20mm | XTAL 7A25 | Yes | DieKey | 887-1292-1-ND | 08 00177_01 |
| 174 | 1 | Y7 | 6591-48-000MHZ-C1-T | Abrakon Corporation | 6591-48-000MHZ-C1-T | OSCILLATOR 48.000MHz 1.3u SMD | 5.00mm x 3.20mm | OSC 1.3u 48.000 | Yes | DieKey | 800-8513-1-ND | 08 00178_01 |
| 175 | 1 | 560V2-PWR01 | TSW-104-14-F-D | Samtec | TSW-104-14-F-D | HEADS, 2.54MM, THF, VERT, 8WAY | | HD 4x2P 100 D | Yes | Samtec | TSW-104-14-F-D | 09 00667_01 |

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