

# CONFIDENTIAL DISTRIBUTOR REPLACEMENT PARTS & PRICE SCHEDULE

## Indicators & Remote Displays

### SURVIVOR® 234HE FLIP DIGIT DISPLAY



| PART #                    | DESCRIPTION                                              | SUGGESTED LIST PRICE |
|---------------------------|----------------------------------------------------------|----------------------|
| 15436                     | Power cord, A7131                                        | \$8.00               |
| 15671                     | Cord grip assembly, 1/2" NPT                             | 3.00                 |
| 15897                     | Contact block, double pole                               | 40.00                |
| 15901                     | Switch, momentary operator center off                    | 75.00                |
| 16019                     | Enclosure, Fiberglass-Reinforced Polyester (FRP)         | 195.00               |
| 16037                     | Corrosion inhibitor, A-HC15                              | 23.00                |
| 16039                     | Desiccant package, 56 gram                               | 1.80                 |
| 16083                     | Window, clear lexan                                      | 55.00                |
| 16084                     | Rear panel                                               | 29.00                |
| 21030                     | Display digit, 1.5" yellow                               | 40.00                |
| 33122                     | Transformer, power, 115 VAC                              | 40.00                |
| 21025                     | 1.5" Flip digit display board                            | 400.00               |
| 21024                     | Driver board w/temp probe                                | 350.00               |
| Components of Part #21024 |                                                          |                      |
| 16375                     | IC, Voltage Regulator, 7805k 5 V 1.5A 3-pin, U14         | 5.00                 |
| 16335                     | IC, Darlington Array, ULN2003 16-pin, U2 & U4            | 7.00                 |
| 16233                     | IC, Hex inverter, 74HCT04 14-pin CMOS, U1 & U3           | 2.00                 |
| 16246                     | IC, EPROM Flip 1.5 28-pin, 27C64 (specify revision), U12 | 85.00                |
| 16215                     | IC, RS-232 Receiver, MC 1489 14-pin, U6                  | 6.00                 |
| 16207                     | IC, RS-232 Line Driver, MC1488P 14-pin, U5               | 2.00                 |
| 26252                     | IC, Data Latch, 74HCT373 20-pin, U11                     | 4.00                 |
| 26263                     | IC, Microprocessor, 8-bit, 78C10, U9                     | 23.00                |
| 16260                     | IC, S-RAM, HM6264LP-15 2X8 28-pin, U13                   | 13.00                |
| 26255                     | IC, Driver, 74LS145, U8                                  | 3.00                 |
| 30858                     | Socket, IC 64-pin                                        | 6.00                 |
| 16945                     | Operating manual                                         | 25.00                |

### RD-300 REMOTE DISPLAY



| PART #                              | DESCRIPTION                          | SUGGESTED LIST PRICE |
|-------------------------------------|--------------------------------------|----------------------|
| 32724                               | Display/CPU board                    | \$495.00             |
| 32725                               | Display/CPU w/backlight board        | 595.00               |
| Components of Parts #32724 & #32725 |                                      |                      |
| 32723                               | IC, uP RD-300, Rev 2.2, U4           | 85.00                |
| 22587                               | IC, Timer DS-1232 Watchdog           | 25.00                |
| 22586                               | IC, Display Driver, MC145453, U1, U2 | 18.00                |
| 16348                               | IC, 20 mA 4200, U3                   | 27.00                |
| 16694                               | Transistor, 2N2222, Q1, Q2           | 2.00                 |
| 22547                               | LCD display                          | 250.00               |
| 16552                               | Socket, IC 40-pin                    | 3.00                 |
| 35993                               | Fuse, .25A Slo-Blo                   | 4.00                 |
| 22546                               | Overlay, front panel                 | 50.00                |
| 22548                               | LCD backlight board                  | 100.00               |
| 25714                               | Operating manual, RD-300             | 25.00                |
| 33210                               | Operating manual, RD-300/RD-232      | 35.00                |

# Indicators & Remote Displays

## RD-232 REMOTE DISPLAY



| PART #      | DESCRIPTION                             | SUGGESTED LIST PRICE |
|-------------|-----------------------------------------|----------------------|
| 32726 ..... | Display/CPU board, 117 VAC-12 VDC ..... | \$595.00             |
| 33210 ..... | Operating manual, RD-300/RD-232 .....   | 35.00                |

## EL233 FLIP DIGIT REMOTE DISPLAY



EL233 4", 6" & 9"

(The EL233 1.5" is unavailable as a complete unit)

| PART #      | DESCRIPTION                                                                                                                                                                                   | SUGGESTED LIST PRICE |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 15436 ..... | Power cord, A7131 .....                                                                                                                                                                       | \$8.00               |
| 15671 ..... | Cable, grip, 1/2NPT .....                                                                                                                                                                     | 3.00                 |
| 15670 ..... | Cord grip assembly, 3/8" NPT .....                                                                                                                                                            | 3.00                 |
| 15671 ..... | Cord grip assembly, 1/2" NPT .....                                                                                                                                                            | 3.00                 |
| 21059 ..... | Gasket tape, self-adhesive .....                                                                                                                                                              | 1.00/in              |
|             | (154" gasket tape required for 9" display,<br>110" gasket tape required for 6" display,<br>82" gasket tape required for 4" display-old version,<br>60" gasket tape required for 1.5" display) |                      |
| 15897 ..... | Contact block, double pole .....                                                                                                                                                              | 40.00                |
| 15901 ..... | Switch, momentary operator center off .....                                                                                                                                                   | 75.00                |
| 16037 ..... | Corrosion inhibitor, A-HC15E .....                                                                                                                                                            | 23.00                |
| 16759 ..... | Power transformer for 4" and 6" .....                                                                                                                                                         | 140.00               |
| 16444 ..... | Fuse, Slo-Blo .25A 3AG .....                                                                                                                                                                  | 2.00                 |
| 21031 ..... | Digit, 6" fixed zero .....                                                                                                                                                                    | 120.00               |
| 21087 ..... | Display digit, 4" yellow, 18" lead w/RL connector .....                                                                                                                                       | 120.00               |
| 21088 ..... | Display digit, 6" yellow, 31" lead w/RL connector .....                                                                                                                                       | 195.00               |
| 22783 ..... | Time & temperature kit (4" new version) .....                                                                                                                                                 | 225.00               |
| 21086 ..... | Temperature probe, 24" lead .....                                                                                                                                                             | 10.00                |
| 21023 ..... | Driver board (4", 6", 9") .....                                                                                                                                                               | 395.00               |
|             | Components of Part #21023                                                                                                                                                                     |                      |
| 26293 ..... | IC, Adj. Voltage Regulator, LM338, U3 .....                                                                                                                                                   | 15.00                |
| 16375 ..... | IC, Voltage Regulator, 7805K 5 V 1.5 A 3-pin, U4 .....                                                                                                                                        | 5.00                 |
| 16247 ..... | IC, EPROM Flip 3R7 28-pin, 27C64, U12 .....                                                                                                                                                   | 85.00                |
| 16248 ..... | IC, EPROM Flip 4R4 28-pin, 27C64, U12 .....                                                                                                                                                   | 85.00                |
| 26263 ..... | IC, Microprocessor 8-bit, 78C10, U10 .....                                                                                                                                                    | 23.00                |
| 26252 ..... | IC, Data Latch, 74HCT373 20-pin, U11 .....                                                                                                                                                    | 4.00                 |
| 22920 ..... | Transistor, TIP120, Q1-Q14 .....                                                                                                                                                              | 5.00                 |
| 16713 ..... | Transistor PNP, TIP125, Q16 & Q18-24 .....                                                                                                                                                    | 2.00                 |
| 16696 ..... | Transistor, 2N3906, Q17 .....                                                                                                                                                                 | 2.00                 |
| 16355 ..... | IC, Optoisolator, 4N35GI 6-pin, U8, U14 & U15 .....                                                                                                                                           | 5.00                 |
| 16207 ..... | IC, RS-232 Line Driver, MC1488P 14-pin, U6 .....                                                                                                                                              | 2.00                 |
| 16215 ..... | IC, RS-232 Receiver, MC1489 14-pin, U7 .....                                                                                                                                                  | 6.00                 |
| 26292 ..... | IC, Quad Op-Amp, LM324, U17 .....                                                                                                                                                             | 3.00                 |

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# Indicators & Remote Displays

## EL233 Flip Digit Remote Display (Cont.)

| PART #                             | DESCRIPTION                                                   | SUGGESTED LIST PRICE |
|------------------------------------|---------------------------------------------------------------|----------------------|
| Components of Part #21023 (Cont.): |                                                               |                      |
| 16233 .....                        | IC, Hex Inverter, 74HCT04 14-pin CMOS, U1 & U5 .....          | \$2.00               |
| 26255 .....                        | IC, Driver, 74LS145, U2 .....                                 | 3.00                 |
| 21034 .....                        | Driver, Flip Smart Socket, temp. chip, U13 .....              | 50.00                |
| 26272 .....                        | IC, Shift Register, CD4014, U18-U20 .....                     | 3.00                 |
| 30858 .....                        | Socket, IC 64-pin .....                                       | 6.00                 |
| 16494 .....                        | Diode, Rectifier, 1N4004, D1-D128 .....                       | 1.00                 |
| 21024 .....                        | Driver board w/temp. probe (1.5") .....                       | 350.00               |
| Components of Part #21024          |                                                               |                      |
| 16375 .....                        | IC, Voltage Regulator, 7805K 5 V 1.5 A 3-pin, U14 .....       | 5.00                 |
| 16335 .....                        | IC, Darlington Array, ULN2003 16-pin, U2 & U4 .....           | 7.00                 |
| 16233 .....                        | IC, Hex inverter, 74HCT04 14-pin CMOS, U1 & U3 .....          | 2.00                 |
| 16246 .....                        | IC, EPROM Flip 1.5 28-pin 27C64 (specify revision), U12 ..... | 85.00                |
| 16215 .....                        | IC, RS-232 Receiver, MC1489 14-pin, U6 .....                  | 6.00                 |
| 16207 .....                        | IC, RS-232 Line Driver, MC1488P 14-pin, U5 .....              | 2.00                 |
| 26252 .....                        | IC, Data Latch, 74HCT373 20-pin, U11 .....                    | 4.00                 |
| 26263 .....                        | IC, Microprocessor 8-bit, 78C10, U9 .....                     | 23.00                |
| 16260 .....                        | IC, S-RAM HM6264LP-15 2X8 28-pin, U13 .....                   | 13.00                |
| 26255 .....                        | IC, Driver, 74LS145, U8 .....                                 | 3.00                 |
| 30858 .....                        | Socket, IC 64-pin .....                                       | 6.00                 |
| 26691 .....                        | Time and temperature installation manual .....                | 25.00                |
| 26690 .....                        | Operating manual (4" and 6" models) .....                     | 25.00                |
| 16920 .....                        | Operating manual (9" model) .....                             | 25.00                |

## SURVIVOR® EL232 REMOTE DISPLAY



| PART #      | DESCRIPTION                                 | SUGGESTED LIST PRICE |
|-------------|---------------------------------------------|----------------------|
| 15436 ..... | Power cord, A7131 .....                     | \$8.00               |
| 15670 ..... | Cord grip assembly, 3/8" NPT .....          | 3.00                 |
| 15671 ..... | Cord grip assembly, 1/2" NPT .....          | 3.00                 |
| 15897 ..... | Contact block, double pole .....            | 40.00                |
| 15901 ..... | Switch, momentary operator center off ..... | 75.00                |
| 16037 ..... | Corrosion inhibitor, A-HC15E .....          | 23.00                |
| 16039 ..... | Desiccant package, 20 gram .....            | 1.80                 |
| 21035 ..... | CPU board serial input .....                | 345.00               |
| 21036 ..... | Display board .....                         | 275.00               |
| 16347 ..... | IC, 8-pin, HCPL-4100 .....                  | 27.00                |
| 16348 ..... | IC, 8-pin, HCPL-4200 .....                  | 27.00                |
| 22587 ..... | IC, 8-pin, timer, DS-1232 .....             | 25.00                |
| 21037 ..... | Uncased serial remote display .....         | 825.00               |
| 21051 ..... | Uncased BCD remote display .....            | 825.00               |
| 22134 ..... | Red lens .....                              | 40.00                |
| 16916 ..... | Operating manual .....                      | 50.00                |

# Indicators & Remote Displays

## SURVIVOR® IQ F-SERIES FLIP DIGIT SMART REMOTE DISPLAYS



| PART # | DESCRIPTION                                                | SUGGESTED LIST PRICE |
|--------|------------------------------------------------------------|----------------------|
| 44303  | CPU board (needs EPROM) .....                              | \$395.00             |
|        | Components of Part #44303                                  |                      |
| 16210  | Time and date, S-RAM .....                                 | 60.00                |
| 15836  | Conn., 2-pin jumper .....                                  | 1.00                 |
| 43619  | EPROM .....                                                | 85.00                |
| 43373  | Power supply board .....                                   | 157.00               |
| 44181  | Power cord assembly, 115 VAC, F15 .....                    | 20.00                |
| 44006  | Power cord assembly, 115 VAC, F40/F60 .....                | 20.00                |
| 44310  | Learn mode switch assembly, F15 .....                      | 13.00                |
| 42646  | Learn mode switch assembly, F40/F60 .....                  | 13.00                |
| 15895  | Learn mode switch cover .....                              | 5.00                 |
| 43535  | Lamp, fluorescent, F40 .....                               | 21.00                |
| 42865  | Breather vent, F40/F60 .....                               | 13.00                |
| 42370  | Display board assembly, digits and annunciators, F15 ..... | 480.00               |
| 21087  | 4" digit assembly, single digit, F40 .....                 | 120.00               |
| 41238  | Annunciators/decimal point board, F40 .....                | 175.00               |
| 21088  | 6" digit assembly, single digit, F60 .....                 | 195.00               |
| 44004  | Annunciator board, single annunciator, F60 .....           | 44.00                |
| 41327  | Decimal point board, F60 .....                             | 95.00                |
| 40675  | Cover gasket, F40 .....                                    | 50.00                |
| 45448  | Cover gasket, F60 .....                                    | 50.00                |
| 44676  | Cover sealing washers, F40/60 .....                        | 1.00                 |
| 42935  | Overlay, F15 .....                                         | 30.00                |
| 40878  | Overlay, F40 .....                                         | 50.00                |
| 41361  | Overlay, F60 .....                                         | 85.00                |
| 42709  | Temperature probe .....                                    | 50.00                |
| 46052  | Ballast assembly .....                                     | 60.00                |
| 30911  | Mounting foot .....                                        | 25.00                |

## S400TM SERIES



Please Consult Factory for Replacement Parts and Pricing

## SA2000TM SERIES



Please Consult Factory for Replacement Parts and Pricing