

SPSx50 & NetR5 Models and Part Numbers

All of the following models use the same Main Board (P/N 55212-XX-SD-B).

Tested Products (Tested at Elliott Labs, August 29 2005 to December 9 2005)

55800-66 SPS850 GPS Receiver with Bluetooth and 450 MHz Radio Transceiver
This is the assembly line P/N. The final label and configured P/N is 58805-66.

55800-90 SPS850 GPS Receiver with Bluetooth and 900 MHz Radio Transceiver
This is the assembly line P/N. The final label and configured P/N is 58805-90-10.

Derivative Products (Not tested, but conforming due to similarity to tested products)

55800-00 SPSx50 GPS Receiver with Bluetooth
This product does not contain a 450 MHz or 900 MHz radio transceiver.
This is the assembly line P/N.

5880x-00 SPSx50 GPS Receiver with Bluetooth
This product does not contain a 450 MHz or 900 MHz radio transceiver.
This P/N is the final label and configured P/N. The value of 'x' (1-5) indicates whether the product is configured as SPS550, SPS550H, SPS750 or SPS850.

62800-00 NetR5 GPS Receiver with Bluetooth
This product does not contain a 450 MHz or 900 MHz radio transceiver.
This product is configured as a Reference Station. This is both the assembly line and final label and configured P/N.

55800-62 SPSx50 GPS Receiver with Bluetooth and 450 MHz Radio Transceiver
Similar to 55800-66, but the 450 MHz radio transceiver has a center frequency around 420 MHz. This is the assembly line P/N.

5880x-62 SPSx50 GPS Receiver with Bluetooth and 450 MHz Radio Transceiver
Similar to 55800-66, but the 450 MHz radio transceiver has a center frequency around 420 MHz. This is the final label and configured P/N. The value of 'x' (1-5) indicates whether the product is configured as SPS550, SPS550H, SPS750 or SPS850.

55800-64 SPSx50 GPS Receiver with Bluetooth and 450 MHz Radio Transceiver
Similar to 55800-66, but the 450 MHz radio transceiver has a center frequency around 440 MHz. This is the assembly line P/N.

- 5880x-64 SPSx50 GPS Receiver with Bluetooth and 450 MHz Radio Transceiver
Similar to 55800-66, but the 450 MHz radio transceiver has a center frequency around 440 MHz. This is the final label and configured P/N. The value of 'x' (1-5) indicates whether the product is configured as SPS550, SPS550H, SPS750 or SPS850.
- 5880x-90-y0 SPSx50 GPS Receiver with Bluetooth and 900 MHz Radio Transceiver
Similar to 55800-90, but the value of 'y' (1-3) indicates whether the 900 MHz FHSS radio transceiver is configured for operation in the USA, Australia or New Zealand. This is the final label and configured P/N. The value of 'x' (1-5) indicates whether the product is configured as SPS550, SPS550H, SPS750 or SPS850.

| Referenced Document | Part Number |
|---|---------------|
| SPSx50 & NetR5 GPS Main Board Schematic: '55212-XX-SD-B-R4.tif' | 55212-XX-SD-B |
| SPSx50 900 MHz Radio Board Schematic: '53195-XX-SD-B+01.tif' | 53195-XX-SD-B |
| SPSx50 450 MHz Radio Board Schematic: '48483-XX-SD-B-A.tif' | 48483-XX-SD-B |
| SPSx50 & NetR5 Assembly Diagram: '55800-00-AD+1.pdf' | 55800-00-AD |
| SPSx50 GPS Receiver with 450 MHz Radio Assembly Diagram: '55800-00-AD+1.pdf' | 55800-6x-AD |
| SPSx50 GPS Receiver with 900 MHz Radio Assembly Diagram: '55800-00-AD+1.pdf' | 55800-90-AD |
| SPSx50 GPS Receiver BOM: | 55800-00 |
| NetR5 GPS Receiver BOM: | 62800-00 |
| SPSx50 GPS Receiver with 450 MHz Radio BOM: | 55800-6x |
| SPSx50 GPS Receiver with 900 MHz Radio BOM: | 55800-90 |

P/N List

| | Configured & labelled receiver | Label Line 1 | Label Line 2 | Label Line 3 | Label Line 4 | Assembly line p/n's |
|---------------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------------|
| SPS550 | 58800-00 | SPS550 | | 58800-00 | barcode | 55800-00 |
| | 58800-62 | SPS550 | | 58800-62 | barcode | 55800-62 |
| | 58800-64 | SPS550 | | 58800-64 | barcode | 55800-64 |
| | 58800-66 | SPS550 | | 58800-66 | barcode | 55800-66 |
| | 58800-90-10 | SPS550 | | 58800-90-10 | barcode | 55800-90 |
| | 58800-90-20 | SPS550 | | 58800-90-20 | barcode | 55800-90 |
| | 58800-90-30 | SPS550 | | 58800-90-30 | barcode | 55800-90 |
| SPS550H | 58801-00 | SPS550H | | 58801-00 | barcode | 55800-00 |
| SPS750 Basic Base | 58802-00 | SPS750 | Basic Base | 58802-00 | barcode | 55800-00 |
| | 58802-62 | SPS750 | Basic Base | 58802-62 | barcode | 55800-62 |
| | 58802-64 | SPS750 | Basic Base | 58802-64 | barcode | 55800-64 |
| | 58802-66 | SPS750 | Basic Base | 58802-66 | barcode | 55800-66 |
| | 58802-90-10 | SPS750 | Basic Base | 58802-90-10 | barcode | 55800-90 |
| | 58802-90-20 | SPS750 | Basic Base | 58802-90-20 | barcode | 55800-90 |
| | 58802-90-30 | SPS750 | Basic Base | 58802-90-30 | barcode | 55800-90 |
| SPS750 Basic Rover | 58803-00 | SPS750 | Basic Rover | 58803-00 | barcode | 55800-00 |
| | 58803-62 | SPS750 | Basic Rover | 58803-62 | barcode | 55800-62 |
| | 58803-64 | SPS750 | Basic Rover | 58803-64 | barcode | 55800-64 |
| | 58803-66 | SPS750 | Basic Rover | 58803-66 | barcode | 55800-66 |
| | 58803-90-10 | SPS750 | Basic Rover | 58803-90-10 | barcode | 55800-90 |
| | 58803-90-20 | SPS750 | Basic Rover | 58803-90-20 | barcode | 55800-90 |
| | 58803-90-30 | SPS750 | Basic Rover | 58803-90-30 | barcode | 55800-90 |

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|-----------------------|-------------|--------|---------|-------------|---------|----------|
| SPS750 Max | 58804-00 | SPS750 | Max | 58804-00 | barcode | 55800-00 |
| | 58804-62 | SPS750 | Max | 58804-62 | barcode | 55800-62 |
| | 58804-64 | SPS750 | Max | 58804-64 | barcode | 55800-64 |
| | 58804-66 | SPS750 | Max | 58804-66 | barcode | 55800-66 |
| | 58804-90-10 | SPS750 | Max | 58804-90-10 | barcode | 55800-90 |
| | 58804-90-20 | SPS750 | Max | 58804-90-20 | barcode | 55800-90 |
| | 58804-90-30 | SPS750 | Max | 58804-90-30 | barcode | 55800-90 |
| SPS850 Extreme | 58805-00 | SPS850 | Extreme | 58805-00 | barcode | 55800-00 |
| | 58805-62 | SPS850 | Extreme | 58805-62 | barcode | 55800-62 |
| | 58805-64 | SPS850 | Extreme | 58805-64 | barcode | 55800-64 |
| | 58805-66 | SPS850 | Extreme | 58805-66 | barcode | 55800-66 |
| | 58805-90-10 | SPS850 | Extreme | 58805-90-10 | barcode | 55800-90 |
| | 58805-90-20 | SPS850 | Extreme | 58805-90-20 | barcode | 55800-90 |
| | 58805-90-30 | SPS850 | Extreme | 58805-90-30 | barcode | 55800-90 |