

OPTION SHEET FOR NANOCOM SR2000

Customer Product ID: _____ (optional, enter your reference here)

Order number: _____

Example Use:

| | | |
|----------|---|-------|
| Option A | ✓ | = Yes |
| Option B | | = No |

1. Configuration Table

If this option sheet is used there is no need to fill out options sheets for the NanoDock SDR, NanoCom TR-600 or NanoMind Z7000.

| | |
|-------------------------------------|--|
| Extra TR-600 – See chapter 2 | |
| +1 Additional NanoCom TR-600 | |

| | | | | | | |
|--|---|---|---|---|---|------|
| Stack Connector Options - See chapter 3 | | | | | | |
| | A | B | C | D | E | None |
| Connector soldered to PCB | | | | | | |
| Connector stacked on top | | | | | | |

| | |
|--|--|
| CAN through stack connector – See chapter 4 | |
| Through stack (H1_1 and 3) (Default) | |
| Not connected | |

| | |
|---|--|
| CAN termination resister - See chapter 5 | |
| 120 Ω (Default) | |
| Not mounted | |

| Chose 5.0 V VCC channels in stack – default not in stack – See chapter 6 | |
|--|--|
| H1_47 | |
| H1_48 | |
| H1_49 | |
| H1_50 | |
| H1_51 | |
| H1_52 | |
| H2_1 | |
| H2_2 | |
| H2_3 | |
| H2_4 | |
| H2_5 | |
| H2_6 | |
| H2_27 | |
| H2_28 | |
| H2_49 | |
| H2_51 | |

| Chose ground in stack – default not in stack – See chapter 6 | |
|--|--|
| H1_45 | |
| H1_46 | |
| H2_7 | |
| H2_8 | |

Always choose an even number of pins e.g. H1_47 and H2_4, or H1_47, H1_48, H2_27 and H2_49 etc.

2. Mounted Systems

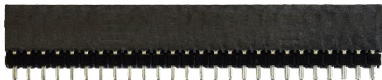
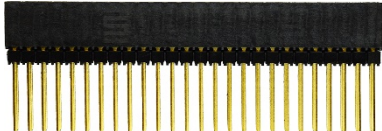
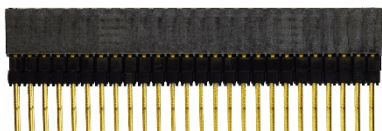

The NanoCom SR2000 default comes with:

- 1x NanoDock SDR
- 1x NanoMind Z7000
- 1x NanoCom TR-600

The software allows for one extra TR-600 to be mounted as an option. The unit is mounted on the bottom, same side as the Z7000.

3. Stack Connectors

The following types of Samtec connectors are the available types for this product. If another connector is needed, please contact GomSpace to get a quote for mounting another type.

| | | |
|---|--|----------------|
| A |  | ESQ-126-12-S-D |
| B |  | SSQ-126-03-G-D |
| C |  | ESQ-126-14-G-D |
| D |  | ESQ-126-24-G-D |
| E |  | SSQ-126-01-F-D |

4. CAN

Per default there is CAN access through the stack. Note CAN is still accessible on connector J22.

5. CAN Termination Resistor

View NanoDock SDR datasheet chapter CAN Stack Termination Recommendation.

6. 5 V Supply and GND

Mark which stack connector pins supplies the NanoDock SDR with power. An even number of pins always must be chosen. Note that it is advised to use connector J16 to power the unit. See datasheet chapter 3.1.1.

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