



owa344

Product Variants



| FEATURES | owa344A | owa344I |
|--|---|---|
| |  |  |
| Processor/MHz | ARM Cortex A7 32-bit 792MHz | ARM Cortex A7 32-bit 792MHz |
| Yocto / Linux OS | Yocto Kirkstone 4.0 / Kernel 6.6.15 | Yocto Kirkstone 4.0 / Kernel 6.6.15 |
| RAM | 512MB DDR3 | 512MB DDR3 |
| FLASH | 512MB NAND Flash | 512MB NAND Flash |
| GNSS | YES | |
| LTE Cat 1 bis | YES | YES |
| DIGITAL INPUT ^{1 2 4 5 6 7} | 9 | 9 |
| DIGITAL OPEN-DRAIN OUTPUT ^{1 2 4 5 7} | 6 | 6 |
| DIGITAL HIGH SIDE OUTPUT ⁶ | 2 | 2 |
| ANALOG INPUTS ^{1 2 7} | 4 | 4 |
| RS232 ^{4 7} | 2 | 2 |
| ACCELEROMETER | 3-axis | |
| CAN 1 | YES | |
| KLINE ^{3 4} | YES | |
| RS485 ³ | | YES |
| USB 2.0 | YES | YES |
| ETHERNET | YES | YES |
| 2nd ETHERNET | | YES |
| ANTENNA CONNECTOR | FAKRA | SMA |
| ENCLOSURE | SCREW MOUNT | DIN RAIL |
| IBUTTON ⁶ | YES | YES |

| OPTIONAL FEATURES | | |
|----------------------------|----------|----------|
| CAN 2 ² | OPTIONAL | |
| 2ND RS485 ^{4 7} | | OPTIONAL |
| 8GB EMMC | OPTIONAL | OPTIONAL |
| TPM 2.0 | OPTIONAL | OPTIONAL |
| INTERNAL ANTENNAS | OPTIONAL | |
| OPTIONAL BATTERY 2000mAh | OPTIONAL | OPTIONAL |
| HART ⁷ | | OPTIONAL |
| CURRENT METER ⁶ | | OPTIONAL |

Notes:

- Analog Inputs are multiplexed in the main connector with DIOs (DIO1/AIN0 - DIO1/AIN1 - DIO2/AIN2 - DIO3/AIN3).
- CAN2 removes DIO2/AIN2 and DIO4. CAN2 is multiplexed with DIO2/AIN2 and DIO4.
- Kline and RS485 are not compatible.
- 2ndRS485 no compatible with DIO-5, Kline and 2ndRS232.

- iButton is multiplexed with DIO6 and can't be used both simultaneously.
- Current Meter is multiplexed with High-Side 8 and 9. Not compatible.
- HART is multiplexed with DIO3/AIN3 and not compatible with 2nd RS232, 2nd RS485 and DIO3/AIN3.

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