


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 OPEN-DRAIN OUTPUT ² *	6	6
DIGITAL HIGH SIDE OUTPUT ⁶	2	2
DIGITAL INPUT ^{1 2 5 6 8}	9	9
ANALOG INPUTS ³ *	4	4
RS232 ⁴ *	2	2
ACCELEROMETER	3-axis	
CAN 1	YES	
KLINE ⁷	YES	
RS485 ⁵		YES
USB 2.0	YES	YES
ETHERNET	YES	YES
2nd ETHERNET		YES
ANTENNA CONNECTOR	FAKRA	SMA
ENCLOSURE	SCREW MOUNT	DIN RAIL
IBUTTON ⁵	YES	YES

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

Notes:

1. Analog Inputs are multiplexed in the main connector with DIOs (DIO/AIO - DIO1/AIN1 - DIO2/AIN2 - DIO3/AIN3).

2. CAN2 is multiplexed with DIO2 and DIO4, devices with CAN2 will not mount DIO2 and DIO4.

3. Kline and RS485 are not compatible.

4. 2nd RS485 is multiplexed with 2nd RS232.

5. iButton is multiplexed with DIO6 and can't be used both simultaneously.

6. Current Meter is multiplexed with High-Side 8 and 9.

7. Kline is multiplexed with the 2nd RS485, cannot work simultaneously.

8. HART is multiplexed with DIO3/AIN3 and not compatible with 2nd RS232 and 2nd RS485.

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Time to
wireless!!

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