


owa344

Product Variants



FEATURES	owa344A	owa344I
		
Processor/MHz	ARM Cortex A7 32-bit 792MHz	ARM Cortex A7 32-bit 792MHz
Yocto / Linux OS	Yocto Project	Yocto Project
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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HMS GROUP MEMBER