




owa4X

Product Variants



FEATURES	owa41A	owa43A	owa44A
			
Processor/MHz	Cortex A8/800MHz	Cortex A8/800MHz	Cortex A8/800MHz
Linux OS	Debian Distribution	Debian Distribution	Debian Distribution
RAM	512MB DDR3 (Up to 1 GB)	512MB DDR3 (Up to 1 GB)	512MB DDR3 (Up to 1 GB)
FLASH	1GB NAND SLC (Up to 2 GB)	1GB NAND SLC (Up to 2 GB)	1GB NAND SLC (Up to 2 GB)
MICRO SD	YES	YES	YES
ACCELEROMETER	YES	YES	YES
GNSS	YES	YES	YES
LTE CAT4 GLOBAL	YES	YES	YES
DIGITAL I/O	10	10	6
ANALOG INPUTS ¹	4	4	4
IBUTTON ²	YES	YES	YES
RS232	3	3	2
RS485	NO	YES	YES
CAN	YES	YES	YES
CAN 2	NO	YES	YES
CAN 3 ³	NO	OPTIONAL	YES
CAN 4 ⁴	NO	OPTIONAL	YES
KLINE ⁵	YES	YES	YES
KLINE 2 ⁵	NO	OPTIONAL	YES
AUDIO CODEC	NO	OPTIONAL	YES
USB ⁷	NO	YES	YES
ETHERNET	YES	YES	YES
ANTENNA CONNECTOR	FAKRA	FAKRA	FAKRA

OPTIONAL FEATURES			
WIFI + BT4.2	NO	OPTIONAL	OPTIONAL
TPM 2.0	OPTIONAL	OPTIONAL	OPTIONAL
9 AXIS MEMS (ACC+GYRO+MAG) ⁶	NO	OPTIONAL	OPTIONAL
USB 2 ⁷	NO	OPTIONAL	OPTIONAL
OPTIONAL BATTERY 3350mAh	OPTIONAL	OPTIONAL	OPTIONAL
OPTIONAL BATTERY 13400mAh	OPTIONAL	OPTIONAL	OPTIONAL
IP67 ⁷	OPTIONAL	OPTIONAL	OPTIONAL
MFF2 SIM CARD	OPTIONAL	OPTIONAL	OPTIONAL

Notes:

- Analog input 1 is multiplexed with DIO1
- iButton is multiplexed with DIO6 and can't be used both simultaneously.
- CAN3 not compatible with DIO2 and DIO3.
- CAN4 not compatible with DIO4 and DIO5 and 9 Axis MEMS.

- Kline and RS485 cannot work at the same time (SW selected). Kline 2 is incompatible with 1st RS232 and is multiplexed with DIO7
- 9 Axis MEMS incompatible with CAN 4.
- USB connector no external access with IP67 cover

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Time to wireless!!

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