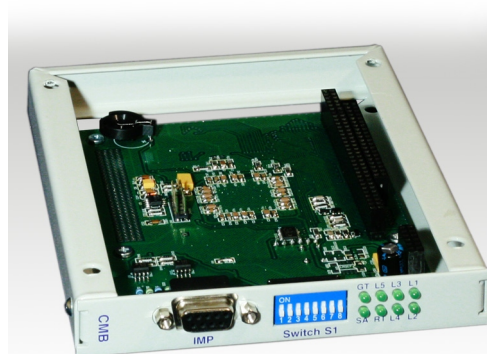


CMB

Multipurpose board



1 FEATURES

- two 5 V/24 V encoder inputs
- 1 MiB battery backed RAM
- watchdog

2 TECHNICAL SPECIFICATIONS

Bus interface	PC/104 16-bit
Form factor	AR4C
Power supply voltage	3.3 V or 5 V
Power consumption	up to 1.0 W (3.3 V) up to 1.5 W (5 V)
Operating temperature	5°C to 50°C
Storage temperature	-40°C to 85°C
Dimensions [mm]	151×125×19
Battery-backed RAM	1 MiB
Number of switches	8
Number of LEDs	8

2.1 ENCODER COUNTER INPUTS

Number of inputs	2
Counter resolution	32 bit
Input voltage	5 V/24 V

Parameter	Min	Typ	Max	Unit
5 V version				
V_{LO}	-12	0	0.8	V
V_{HI}	4.7	5	7.7	V
I_{LO}	-23	0	0.25	mA
I_{HI}	6.3	7.8	15	mA
24 V version				
V_{LO}	-24	0	0.8	V
V_{HI}	22.6	24	41.5	V
I_{LO}	-10.6	0	0.25	mA
I_{HI}	5.0	5.7	10.6	mA

V_{LO}/V_{HI} — input voltage for low/high state

I_{LO}/I_{HI} — input current for low/high state

3 ORDERING GUIDE

CMB is available in the following versions:

Model	Power supply	Encoders
CMB-3.3V-IMP5	3.3 V	5 V
CMB-3.3V-IMP24	3.3 V	24 V
CMB-5V-IMP5	5 V	5 V
CMB-5V-IMP24	5 V	24 V