

BDM85

High-performance defibrillation



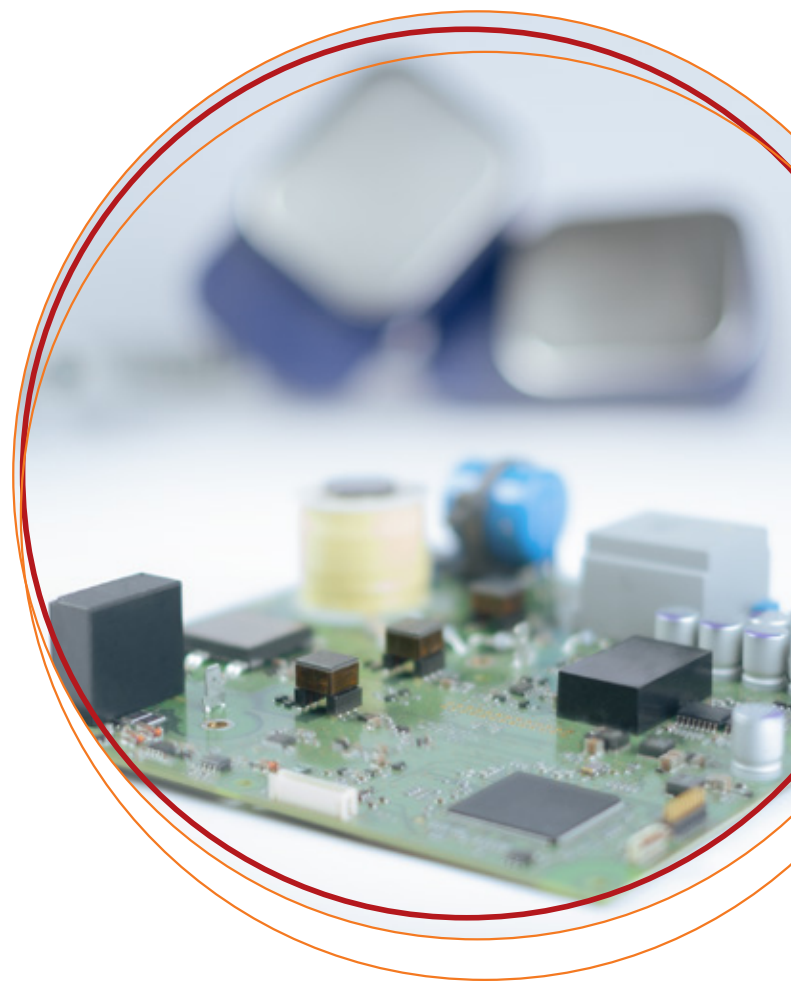
Realize professional and automated external defibrillators with our high-performance OEM defibrillation board BDM85. With its low charging time and high energy, the BDM85 is perfect for use in high performance defibrillators. It only needs power, a communication interface (UART), an HV capacitor and a few digital in- and outputs (GPIO) signals. All defibrillation technology features our proven ECG algorithms.

FEATURES

- Energy or charge triggered impulse
- Shock energy up to 360 Joule
- Charging time under 5 seconds
- Pacer add-on module on request
- Numerous analyses available for internal and external ECG signals

YOUR BENEFITS

- Easy and fast integration
- Small footprint
- Short charging time even with high energy
- Ready for approval process according to latest international regulation
- Flexible license models available
- 20 years of expertise in defibrillation



**BETTER HIGHTECH.
BETTER HEALTH.**

TECHNICAL INFORMATION

Defibrillation impulse:	0.5 J to 360 J, biphasic (max. energy depending on HV capacitor)
Charging time:	< 5 s to 360 J < 4 s to 200 J
Communication interface:	UART
Patient leakage currents:	Type CF applied parts
Voltage supply:	9 V to 21 V
Input current:	max. 9 A
Operating temperature:	- 20 °C to + 70 °C
Humidity level:	< 95 %, non-condensing
Air pressure level:	540 hPa to 1100 hPa
Size of board:	170 mm x 170 mm x 40 mm (LxWxH)
Weight:	< 500 g

AVAILABLE ANALYSES

Heart rate measurements (30 to 300 bpm)
VF / VT detection
Asystole detection
Patient detection
QRS marker
Impedance measurements

CORSCIENCE GMBH & CO. KG

Hartmannstraße 65
91052 Erlangen, Germany

+49 91 31 / 97 79 86 - 0
info@corscience.com
www.corscience.com

© Copyright protected.
Subject to design and equipment changes. CS60662A-en

ABOUT CORSCIENCE

Corscience GmbH & Co. KG is the one-stop shop and engineering specialist for medical technology. We develop and produce OEM modules and products which help people and save lives.