

**PROTEK –
PAM35DOABxxA/CA**



The PAM35DOABxxA/CA series from PROTEK DEVICES is a 1,500 watt TVS component for automotive circuit protection. It is AEC-Q101 qualified, UL registered, and is compatible with IEC 61000-4-2 (ESD), 61000-4-4 (EFT), and 61000-4-5 (surge). It is halogen-free, has built-in strain relief, and a glass passivated junction. It is available in our molded JEDEC DO-214AB package.

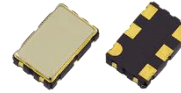
Features:

- **AEC-Q101 Qualified**
- UL Registered
- IEC Compatibility 61000-4-2 (ESD)
- IEC Compatibility 61000-4-4 (EFT)
- IEC Compatibility 61000-4-5 (Surge)
- 1500 Watts Peak Pulse Power per Line (tp = 10/1000µs)
- Halogen-Free
- Low Profile Package
- Built-in Strain Relief
- Glass Passivated Junction
- Excellent Clamping Capability
- Repetition Rate (DutyCycle) : 0.05%
- Fast Response Time: Typically less than 1.0ps from 0 Volts to BV Min
- Typical IR < 1µA above 12V
- High Temperature Soldering: 260°C/40 seconds at Terminals
- Available in Multiple Voltages
- Bidirectional and Unidirectional Configurations
- RoHS and REACH Compliant

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Please contact us for inquiries, samples or technical requests.

**GOLLEDGE –
GVXO-E76L and
GVXO-L76L**



Voltage controlled oscillators, available up to 1GHz
Available with very wide pullability of up to ±130ppm at frequencies from 10.0MHz up to 1GHz in a miniature 7.0 x 5.0mm package.

These 3.3V VCXOs are ideal if you need wide pullability at ultra-high frequencies with excellent frequency stability options as good as ±25ppm. Available with either complementary LV-PECL (GVXO-E76L) or LVDS (GVXO-L76L) outputs.

GVXO-E76L:

3.3V VCXO with LV-PECL output and wide pulling range

- Frequencies up to 1GHz
- Complementary LV-PECL output
- Wide pulling range
- Operation over industrial temperature ranges
- Enable / disable tristate function

GVXO-L76L:

3.3V VCXO with LVDS output and wide pulling range

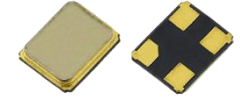
- Frequencies up to 1GHz
- LVDS output
- Wide pulling range
- Operation over industrial temperature ranges
- Enable / disable tristate function

[REQUEST DATASHEET PER E-MAIL: GVXO-E76L](#)

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**GOLLEDGE –
RV-3032-C7**



RTC module I²C bus High Accuracy

Combining an ultra-miniature 3.2 x 1.5mm package with high accuracy, low power and excellent additional functionality, the RV-3032-C7 RTC module is excellent for a wide range of applications.

- Ultra low power consumption 160nA @ 3V
- Excellent time accuracy ±3ppm -40 to +85°C
- Wide operating voltage range 1.2V to 5.5V
- Time stamping at high & low temperature
- Trickle Charger with charge pump

Specifications:

- Frequency: 32.768kHz
- Dimensions: 3.2 x 1.5 x 0.8mm
- Time accuracy: ±1.5ppm max (0.13s/day), 0+50°C ±3ppm max (0.26s/day), -40+85°C
- Operating temperature range: -40 to +85°C
- Storage temperature range: -55 to +125°C
- Supply voltage (VDD): 1.2 ~ 5.5V
- Supply current (time-keeping, VDD=3.0V): 160nA typ / 210nA max
- Ageing (25°C): ±3ppm max first year
- Shock and vibration resistance: ±5ppm, 5,000g, 0.3ms, ½ sine ±5ppm, 20g, 10.0 ~ 2,000Hz
- Soldering condition: Reflow, 260°C, 20 sec max
- Clock output frequencies (programmable): 32.768kHz, 1024Hz, 64Hz, 1Hz crystal mode 8192Hz ~ 52MHz HF clock mode
- Net mass: 11.4mg

[REQUEST DATASHEET PER E-MAIL: RV-3032-C7](#)

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