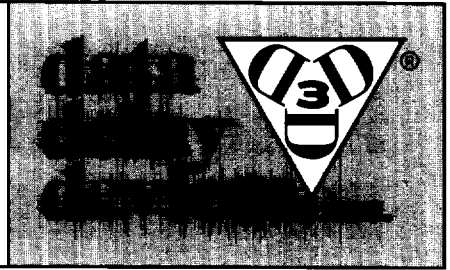


Fast Logic Pulse Width Controller

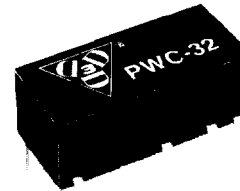
SERIES: **PWC-32**

TTL Interfaced
14 pin DIP



Features:

- Two separate & equal pulse width controllers/package
- Exact control of pulse width
- Rising edge trigger
- Auto-insertable
- Low power consumption
- High speed



Specifications:

- Trigger inherent delay (T_{DO}) = $7 \text{ ns} \pm 1 \text{ ns}$.
(T_{DO}) = $9.5 \text{ ns} \pm 1 \text{ ns}$.
- Pulse-width tolerance = 5% or 2 ns (others on request).
- Max. input PRR = PW + 20 ns.
- Supply voltage 5 Vdc \pm 5%.
I_{CC1}: 64 ma.
I_{CC2}: 14 ma.
- Operating temperature: 0°C to 70 C (-55° to 125°C on request).*
- Temperature coefficient: 100 PPM/°C.
- Output rise-time: 2 ns typ.
- DC parameters: See TTL-Standard Schottky Logic Table on Page 6.

*DIL package used. E5 case.

Part Number	Pulse Width (ns)
PWC-32-5	5
PWC-32-10	10
PWC-32-15	15
PWC-32-20	20
PWC-32-30	30
PWC-32-40	40
PWC-32-50	50
PWC-32-60	60
PWC-32-75	75
PWC-32-100	100
PWC-32-125	125
PWC-32-150	150
PWC-32-175	175
PWC-32-200	200
PWC-32-250	250

Other pulse-widths available on request.

