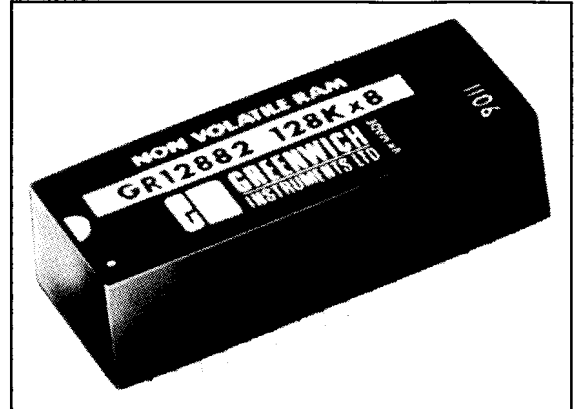


NON-VOLATILE MEMORY

- * LOW PROFILE
- * LOW POWER
- * RAPID POWER DOWN
- * JEDEC PIN-OUT
- * 10 YEAR DATA RETENTION



GR12882	128Kx8	REPLACES 628128
GR3281	32Kx8	REPLACES 62256, 43256
GR881	8Kx8	REPLACES 6264, 4464
GR281	2Kx8	REPLACES 6116, 5517

Each GR series non-volatile RAM is a pin compatible drop-in replacement for a normal static RAM device. Data is protected by an automatic write inhibit function during power loss. The power down circuit is referenced at 4.5v. At this point the device is write protected and the memory contents are retained by the lithium power source. The rapid power down of 10 μ S and low standby power ensures no special considerations are required when using these devices.



EPROM EMULATORS

GR2764	8k x 8
GR27128	16k x 8
GR27256	32k x 8
GR27512	64k x 8
GR27513	4 x 16k x 8
GR27010	128k x 8

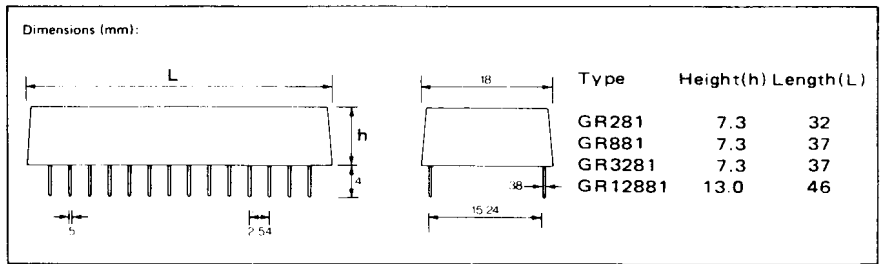
The GR27 series of EPROM emulators offer non-volatile memory which is pin compatible with normal eproms. Data may be rewritten, at any time without erasing the device first. An EPROM need only be burned when the program is finally considered free of bugs. Data is protected by an automatic inhibit during power loss. The device can be written to in two ways;

- a) By connecting a write signal to the front pin, this causes the device to appear as normal RAM. Removing the write signal makes the device read-only.
- b) By programming in an EPROM programmer.

GR RAM PINOUTS

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Vdd	5v
Idd (Active)	30mA
Idd (Standby)	3mA
Tcycle (GR281)	120nS
Tcycle	150nS



EPROM EMULATORS

Vcc	5v
Idd (Active)	40mA
Idd (Standby)	6mA
Tcycle	150nS
Vpp	8V-25V

Presented by:

GREENWICH INSTRUMENTS USA
 3401 MONROE ROAD
 CHARLOTTE, NORTH CAROLINA 28205
 (704) 376-1021 • FAX 335-8707
 TOLL FREE (800) 476-4070

www.DataSheet4U.com

