



## Service data bulletin

Instrument: GDS101

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**SUBJECT: Types of CPU's and VGA's used.**

**WHAT TO DO: CPU type ASC286.**

Above CPU's were used in 1993, 1994 AND 1995, in serial numbers below 95146. Some 286's were even mixed in between ASC386SX up to 95176.

**CPU type ASC386SX and UGH386SX.**

After serial number 95177, ASC386SX and UGH386SX were used as available.

These cpu's are interchangeable.

ASC386SX and UGH386SX may work with three digit GPS when GDS101 has been equipped with Software version 3.60 or above.

**VGA pcb's type HM86405, VGA45ST rev B and VGA45B2 rev C.**

All three pcb's will work with all three CPU's mentioned above.

HM86405 may be equipped with standard connector for Screen Buffer.

All types will produce a colour picture when connected to a VGA screen.

Note that the signal cable for HM86405 is different from VGA45 type.

**CPU / VGA pcb type PCA6135.**

PCA6135 has been used in all types GDS101 since serial number 99950 and is still used today March 2006.

When used in GDS101 with connector for external printer, it is equipped with 3 each Flash RAM's making up the 24-hour History Memory.

When used with GDS with internal printer, the Flash RAM's should be removed.