

PRELIMINARY

DESCRIPTION:

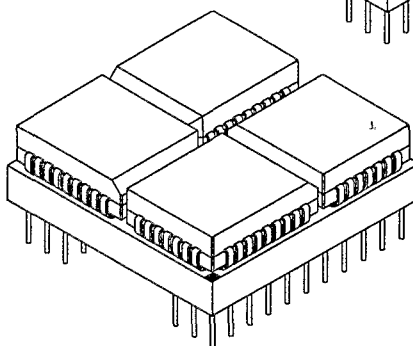
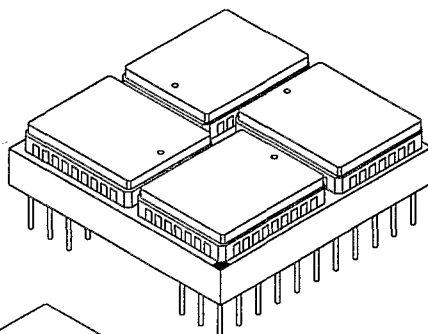
The DPZ128X32V is a 128K x 32 FLASH electrically erasable and programmable read only memory module built with four 128K x 8 FLASH memory devices. The module is a 66-pin PGA that can accept either 32-pin plastic PLCC packages or 32-pin ceramic LCC packages.

The DPZ128X32V can be built with 128K x 8 devices from most vendors of FLASH type memories. Since the DPZ128X32V module has no support logic, the electrical characteristics in the device manufacturers data sheet can be used to support this product.

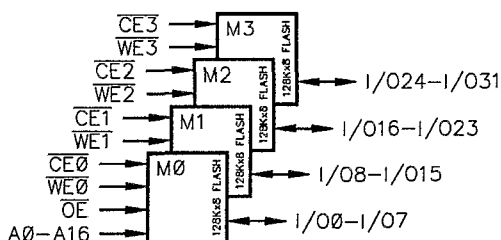
The DPZ128X32V is ideally suited for systems that may require code or data updates in the field, or data acquisition systems that may need to store data in nonvolatile memory.

FEATURES:

- User Definable Configuration:
128K x 32, 256K x 16 or 512K x 8
- In-System Programming and Erasing
- Pin Compatible with DPZ32X32V and DPZ64X32V
- Military Modules Available with All Semiconductor Components Compliant to MIL-STD-883; Class B
- 66-Pin Ceramic PGA Package



FUNCTIONAL BLOCK DIAGRAM



PIN NAMES

A0 - A16	Address Inputs
I/O0 - I/O31	Data In/Out
CE0 - CE3	Chip Enables
WE0 - WE3	Write Enables
OE	Output Enable
Vpp	Programming Voltage
VDD	Power (+5V)
VSS	Ground
N.C.	No Connect

PIN-OUT DIAGRAM

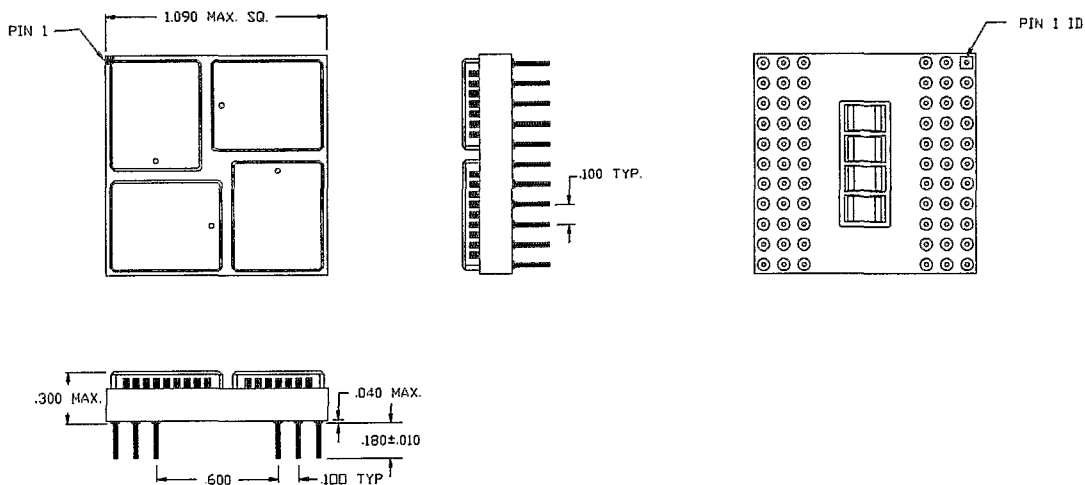
1 I/O8	12 WE1	23 I/O15	34 I/O24	45 VDD	56 I/O31
2 I/O9	13 CE1	24 I/O14	35 I/O25	46 CE3	57 I/O30
3 I/O10	14 VSS	25 I/O13	36 I/O26	47 WE3	58 I/O29
4 A9	15 I/O11	26 I/O12	37 A7	48 I/O27	59 I/O28
5 A16	16 A10	27 OE	38 A12	49 A4	60 A0
6 A2	17 A8	28 N.C.	39 VPP	50 A5	61 A1
7 A11	18 A15	29 WE0	40 A14	51 A6	62 A3
8 N.C.	19 VDD	30 I/O7	41 A13	52 WE2	63 I/O23
9 I/O0	20 CE0	31 I/O6	42 I/O16	53 CE2	64 I/O22
10 I/O1	21 N.C.	32 I/O5	43 I/O17	54 VSS	65 I/O21
11 I/O2	22 I/O3	33 I/O4	44 I/O18	55 I/O19	66 I/O20

(TOP VIEW)

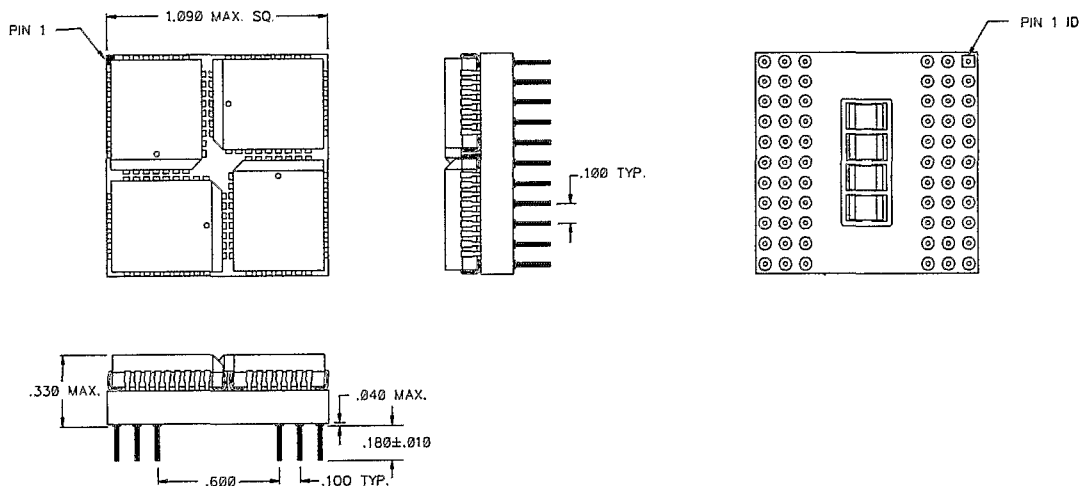


PRELIMINARY

DPZ128X32V - MECHANICAL DIAGRAM



DPZ128X32VP - MECHANICAL DIAGRAM



PRELIMINARY

DPZ128X32VA (AMD BASED) ORDERING INFORMATION

DP	Z128X32V	A	P	- XX	X	
PREFIX	DEVICE TYPE	VENDOR	DESIG.	SPEED	GRADE	
						C** COMMERCIAL 0° to +70°C
						I** INDUSTRIAL -40° to +85°C
						M MILITARY -55° to +125°C
						B* MIL-PROCESSED -55° to +125°C
						12 120ns C/I GRADE ONLY
						15 150ns C/I GRADE ONLY
						17 170ns
						20 200ns
						25 250ns
						30 300ns
						BLANK CERAMIC DEVICES
						P PLASTIC DEVICES
						AMD 28F010 DEVICES
						128Kx32 FLASH VERSAPAC MODULE

DPZ128X32VI (INTEL BASED) ORDERING INFORMATION

DP	Z128X32V	I	P	- XX	X	
PREFIX	DEVICE TYPE	VENDOR	DESIG.	SPEED	GRADE	
						C† COMMERCIAL 0° to +70°C
						M MILITARY -55° to +125°C
						B* MIL-PROCESSED -55° to +125°C
						13 135ns C GRADE ONLY
						15 150ns C GRADE ONLY
						17 170ns M/B GRADE ONLY
						20 200ns
						25 250ns M/B GRADE ONLY
						BLANK CERAMIC DEVICES
						P PLASTIC DEVICES
						INTEL 28F010 DEVICES
						128Kx32 FLASH VERSAPAC MODULE

DPZ128X32VS (SEEQ BASED) ORDERING INFORMATION

DP	Z128X32V	S	P	- XX	X	
PREFIX	DEVICE TYPE	VENDOR	DESIG.	SPEED	GRADE	
						C** COMMERCIAL 0° to +70°C
						I** INDUSTRIAL -40° to +85°C
						M MILITARY -55° to +125°C
						B* MIL-PROCESSED -55° to +125°C
						20 200ns
						25 250ns
						30 300ns
						BLANK CERAMIC DEVICES
						P PLASTIC DEVICES
						SEEQ 48F010 DEVICES
						128Kx32 FLASH VERSAPAC MODULE

** Available built with plastic PLCC's or ceramic LCC's.

* Built with 883 devices.

† Available in plastic PLCC's only.



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