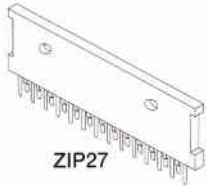


# Power ICs for Interface

- **Outline** The MTA Series is monolithic power ICs best fit for use as needle print head drivers of dot matrix printers, and as stepping motor drivers.
- **Features**
  1. The input is TTL and CMOS compatible
  2. Large output  $I_o=2A$  or  $4A$ ,  $V_{CE}=60V$  or  $80V$
  3. Insulated type single in-line packaging with heatsink installed
- **Applications**
  1. Head driver for dot matrix printers, ECR and time recorders
  2. Stepping motor drive for printers, typewriters, FAX, PPC and XY plotters
  3. Driver for all types of solenoids, and displays (LED, etc.)



Type No.	Absolute Maximum Ratings( $T_a=25^{\circ}C$ )			Operation			Outline	
	$V_{CEO}$ [V]	$I_o$ [A]	$P_T$ [W]	Input	Output	Circuits	Package	Fig.
MTA001M	80	2	5	L Active	NPN Darlington	9	ZIP27	89
MTA011				H Active				
MTA002	60			L Active	PNP Darlington			

Equivalent circuit (MTA001M)

