

# EPSON®

## M-190 Series Shuttle Impact Dot Matrix Printer Mechanism

Ideal for CAT/EFT , POS/ECR  
Test & Measurement Applications

### Ultra-compact, yet highly reliable

The M-190 impact dot matrix printers offers high performance in ultra compact. Lightweight body.

### Specifications:

- Paper width: 57– 58 mm
- Number of dots: 144 to 240 dots/line
- 24,32,40 column capacity
- 2.5,1.9,1.5 line/ second
- Column spacing 1.2 to 2.0
- Print speed 1.5 to 2.5 lines/ second
- Font 5 X 7

MCBF 1,500,000 lines

Operating temperature - 0 to 50 degrees C

Operating humidity - 10 to 80%

Voltage 5.0 VDC

Dimensions 91mm (W) x 46.9 mm (D) x 15.8 mm (H)

Weight - 100 g

### Features:

- Compact and Lightweight
- Wide Range & Low Voltage Operation
- Flexible layout design
- High Speed Printing
- Strong and durable mechanism

### M-T190 Series includes

- M190
- M190G
- M191
- M192
- M192G
- M195

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**TELPAR™**  
Your Printer Solutions Company



## Impact Printer Controller Board/LSI for M-180/190 Printers

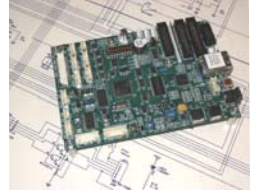
### LA-170/180/190, BA-170III/180 Specifications

[Detail Specifications](#)

LSI Model Controller Board Model	LA-170 BA-170III	LA-180 BA-180	LA-190
Supported Printer	M-150 series	M-180 series	M-190 series
No. of Characters			
JIS	128		
ASCII Mode	96		
International Mode	32		
Graphic Mode	67		
Download Mode	8		
Data Input Form			
8 Bit Parallel	Centronics Compatible		
Asynchronous Serial	1200 bps, 2400 bps	4800 bps, 9600 bps	
Operating Voltage			
Board	4.0 to 5.25 VDC	4.0 to 5.75 VDC	
LSI	3.5 to 6 VDC		
Control Board Overall Dimensions (mm)	70 (w) x 90 (d) x 20.6 (h)	88 (w) x 80 (d) x 19.5 (h)	
LSI Package Type	Flat Type, Dip Type		

### Telpar Printer Solution Capabilities

Telpar's expertise in providing world class, customer specific, OEM mini-printer solutions is exemplified by this partial listing of Telpar capabilities.



- **Excellent Organization** Telpar is a creative, flexible, quick-response organization that offers customers "Design to Need" mini-printer solutions.
- **Inventory** Telpar maintains a substantial inventory of distribution products and raw materials, minimizing manufactured product lead-time.
- **Excellent Relationships** Telpar maintains relationship with several printer mechanism manufacturers, allowing customers to choose from a variety of state-of-the-art products.
- **Staging** Telpar offers cost effective staging of its mini-printer solutions for drop shipment to any number of designated locations. Telpar tailors these programs to specific customer's system staging requirements.



### Service & Support

Telpar provides direct warranty and non-warranty repair and service on all Telpar printers through our Depot Repair Center located in Dover, NH. Telpar offers a variety of service options including:

- Standard & Extended Warranty
- Telephone and Email Technical Support
- Time and Materials Options
- Online Manuals and Printer Drivers

**Telpar is an  
Authorized Maser Distributor  
of the complete line of  
EPSON Kiosk Printers,  
Printer Mechanisms, and  
Controller Boards**



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