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## Cypress low-speed USB M8 Series Hi Lo Programmiers - CY3649-xxxV

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*Last Updated 12 Jul, 2004*

Cypress offers programming support with the easy-to-use Hi-Lo Programming System. Necessary components needed to program a CY7C6xxx M8(TM) Series device are a Hi-Lo Programmer, Adapter Base and Matrix Card.

PART NUMBER	Package Type	Hi-Lo Programmer	Adapter Base	Matrix Card
<a href="#">CY7C63001A-PC</a>	PDIP	CY3649-xxxV	Not Needed	Not Needed
<a href="#">CY7C63001A-SC</a>	SOIC	CY3649-xxxV	See Note 1	Not Needed
<a href="#">CY7C63101A-SC</a>	SOIC	CY3649-xxxV	See Note 1	Not Needed
<a href="#">CY7C63101A-QC</a>	QSOP	CY3649-xxxV	See Note 2	Not Needed
<a href="#">CY7C63221A-PC</a>	PDIP	CY3649-xxxV	CY3083-DP48	CY3083-07
<a href="#">CY7C63231A-PC</a>	PDIP	CY3649-xxxV	CY3083-DP48	CY3083-07
<a href="#">CY7C63231A-SC</a>	SOIC	CY3649-xxxV	CY3083-SC28	CY3083-07
<a href="#">CY7C63413-PC</a>	PDIP	CY3649-xxxV	CY3083-DP48	CY3083-01
<a href="#">CY7C63413-PVC</a>	SSOP	CY3649-xxxV	CY3083-SS56	CY3083-01
<a href="#">CY7C63513-PVC</a>	SSOP	CY3649-xxxV	CY3083-SS56	CY3083-01
<a href="#">CY7C63723-PC</a>	PDIP	CY3649-xxxV	CY3083-DP48	CY3083-07
<a href="#">CY7C63723-SC</a>	SOIC	CY3649-xxxV	CY3083-SC28	CY3083-07
<a href="#">CY7C63743-PC</a>	PDIP	CY3649-xxxV	CY3083-DP48	CY3083-08
<a href="#">CY7C63743-SC</a>	SOIC	CY3649-xxxV	CY3083-SC28	CY3083-08

**Note 1:** An SOIC-to-DIP flow-through adapter (p/n AS-28-28-03S-6-GANG) is available from Emulation Technologies." You can contact Emulation Technologies by calling 1-800-ADAPTER.

**Note 2:** A QSOP-to-DIP flow-through adapter (p/n 130-5304-06) is available from Adapters.com. You can contact Adapters.com" by calling (408) 855-8527.

**Hardware Description:**

Hi-Lo Programmer, Adapter Base, Matrix Card

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