

FILED PURSUANT TO RULE 424(b)(3)

REGISTRATION STATEMENT NO. 333-39167

PROSPECTUS SUPPLEMENT NO. 7
(TO PROSPECTUS DATED NOVEMBER 10, 1997)

\$310,000,000
LAM RESEARCH CORPORATION
5% CONVERTIBLE SUBORDINATED NOTES DUE 2002

This Prospectus Supplement replaces information contained in that certain Prospectus dated November 10, 1997 and supersedes Prospectus Supplement No. 1 through Prospectus Supplement No. 6 to such Prospectus, which prior supplements should be discarded. The Prospectus dated November 10, 1997 and this Supplement No. 7 (collectively the "Prospectus") relate to the potential sale from time to time of up to \$310,000,000 aggregate amount of Notes and the Common Stock issuable upon conversion thereof by the Selling Securityholders. This Prospectus Supplement is not complete without the Prospectus. This Prospectus Supplement may not be delivered or utilized without the Prospectus. Capitalized terms used in this Prospectus Supplement but not defined have the meanings contained in the Prospectus.

The following information replaces the table set forth in the Prospectus under the caption "Selling Securityholders" with respect to the Selling Securityholders and the respective principal amounts of Registrable Notes beneficially owned by such Selling Securityholders that may be offered pursuant to the Prospectus, as amended or supplemented:

NAME ----	PRINCIPAL AMOUNT OF NOTES THAT MAY BE SOLD (\$) -----	PERCENTAGE OF NOTES OUTSTANDING -----	SHARES THAT MAY BE SOLD PURSUANT TO THIS PROSPECTUS (1) -----	PERCENTAGE OF COMMON STOCK AFTER CONVERSION OF THE NOTES (2) -----
Allstate Insurance Company	2,000,000	*	22,786	*
Associated Electric & Gas Insurance Services	250,000	*	2,848	*
BancAmerica Robertson Stephens	2,040,000	*	23,242	*
Bear, Stearns Securities Corp.	2,300,000	*	26,204	*
Berger Balanced Fund, A Series of the Berger Investment Portfolio Trust	200,000	*	2,278	*
Boston College Endowment Fund	106,000	*	1,207	*
The Common Fund	870,000	*	9,912	*

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Consolidated Press International, Ltd.	2,570,000	*	29,281	*
Deepronk & Co.	2,500,000	*	28,483	*
Deutsche Bank New York Custody Services	10,250,000	3.31%	116,782	*
Deutsche Bank Securities, Inc.	8,840,000	2.85%	100,717	*
Emory University Endowment Fund	470,425	*	5,359	*
Employers' Reinsurance Corporation	200,000	*	2,278	*
Everen Securities, Inc.	265,000	*	3,019	*
Farallon Capital Institutional Partners, L.P.	9,220,000	2.97%	105,047	*
Farallon Capital Institutional Partners II, L.P.	2,615,000	*	29,793	*
Farallon Capital	245,000	*	2,791	*

Institutional Partners III, L.P.				
Farallon Capital Offshore Investors, Inc.	12,040,000	3.88%	137,176	*
Farallon Capital Partners, L.P.	9,850,000	3.18%	112,225	*
The George Putnam Fund of Boston	1,000,000	*	11,393	*
Goldman Sachs & Co.	900,000	*	10,254	*
Highbridge Capital Corp.	2,000,000	*	22,786	*
Janus Balanced Funds and Janus Aspen Balanced Portfolio	5,500,000	1.77%	62,663	*
MainStay Convertible Fund	3,500,000	1.13%	39,876	*
McMahan Securities Company, L.P.	151,000	*	1,720	*
Museum of Fine Arts, Boston	123,000	*	1,401	*

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NationsBanc Montgomery Securities, Inc./ San Francisco	2,000,000	*	22,786	*
Nesbitt Burns	1,187,000	*	13,523	*
New Hampshire State Retirement System	546,000	*	6,220	*
North Star Hedge Fund, L.P.	1,900,000	*	21,647	*
Promutual	458,000	*	5,218	*
Putnam Convertible Opportunities and Income Trust	299,000	*	3,406	*
Putnam Convertible Income-Growth Trust	550,000	*	6,266	*
Putnam Funds Trust - Putnam High Yield Total Return Fund	15,000	*	170	*
Putnam High Income Convertible and Bond Fund	300,000	*	3,418	*
Putnam High Yield Fixed Income Fund, LLC	100,000	*	1,139	*
Putnam High Yield Advantage Fund	5,000,000	1.61%	56,967	*
Putnam High Yield Trust	4,000,000	1.29%	45,573	*
Putnam Income Fund	1,500,000	*	17,090	*
Putnam Variable Trust - Putnam VT High Yield Fund	900,000	*	10,254	*
Shepherd Investment International, Ltd.	7,245,000	2.34%	82,545	*
Societe Generale Securities Corp.	2,400,000	*	27,344	*
SoundShore Partners, L.P.	2,000,000	*	22,786	*
STI Classic Mid Cap Fund	5,237,075	1.69%	59,668	*
STI Classic Mid Cap Variable Annuity Trust	290,000	*	3,304	*

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Tinicum Partners, L.P.	190,000	*	2,164	*
Tribeca Investments, LLC	2,000,000	*	22,786	*
University of Rochester	108,000	*	1,230	*
Any other holder of Notes or future transferee from any such holder (3)	\$217,713,000		2,480,494	
Total	\$310,000,000	100%	3,531,958	

* Less than one percent.

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(1) Assumes conversion of the full amount of Notes held by such Selling Securityholder at the initial conversion price of \$87.77 per share. The conversion price is subject to adjustment as described under "Description of Notes -- Conversion Rights." Fractional shares will not be issued upon conversion of the Notes. Cash will be paid in lieu of fractional shares, if any. The difference in the total from the total set forth on the Prospectus Cover page is due to the rounding of fractional shares.

(2) The percentage of Common Stock after conversion of the Notes:

(1) assumes that the Selling Securityholders do not beneficially own any Common Stock other than the Common Stock issuable upon conversion of the Notes at the initial conversion rate; and

(2) represents the percentage of the Common Stock each Selling Securityholder will have after treating as outstanding the number of shares of Common Stock shown as being issuable upon the assumed conversion by the named Selling Securityholder of the full amount of such holder's Notes but not assuming the conversion of the Notes of any other Selling Securityholder.

These percentages are based on 37,634,584 shares of Common Stock that were issued and outstanding as of November 7, 1997 before taking into account any of the assumed conversions.

(3) Certain Selling Securityholders, while reserving the right to have their Notes registered at a later date, have either:

(1) elected to not have Notes owned by them registered at this time; or

(2) have not provided the Company with instructions to register their Notes at this time.

Information concerning other selling holders of the Notes will be set forth from time to time in Prospectus Supplements, if required.

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Information concerning the Selling Securityholders may change from time to time. The Company will prepare additional supplements to the Prospectus to show changed information when necessary. The per share conversion price and the number of shares issuable upon conversion of the Notes is subject to adjustment under certain circumstances. The aggregate number of shares of Common Stock issuable upon conversion of the Notes offered hereby may increase or decrease if there is an adjustment in the conversion price.