LSI CORP Form SC 13G October 11, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549
SCHEDULE 13G (Rule 13d-102)
Information Statement Pursuant to Rules 13d-1 and 13d-2 Under the Securities Exchange Act of 1934 (Amendment No)*
LSI Corporation (Name of Issuer)
Common stock, par value \$0.01 per share (Title of Class of Securities)
502161102 (CUSIP Number)
October 5, 2012 Date of Event Which Requires Filing of the Statement
Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
[ ]Rule 13d-1(b) [X]Rule 13d-1(c) [ ]Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to

the subject class of securities, and for any subsequent amendment containing information which would alter

disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Cusip No. 502161102 13GPage 2 of 10 Pages

NAME OF REP	ORTING PERSON	
S.S. OR I.R.S. II 1.	DENTIFICATION NO. OF ABOVE PERSON	
Citadel Advisor	s LLC	
CHECK THE A	PPROPRIATE BOX IF A MEMBER OF A GROUP	
2.(a) [_]		
(b) [_]		
SEC USE ONLY 3.	<i>'</i>	
4. CITIZENSHIP (	OR PLACE OF ORGANIZATION	
Delaware		
S NUMBER OF	SOLE VOTING POWER  5.  0	
SHARES		
BENEFICIALLY	SHARED VOTING POWER	
OWNED BY	j. 	
EACH	30,053,103 shares	
REPORTING		

7. SOLE DISPOSITIVE POWER

PERSON

WITH

0

8. SHARED DISPOSITIVE POWER
See Row 6 above
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9.  See Row 6 above
CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES
10. CERTAIN SHARES
[_]
PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
11.
5.4% <u>1</u>
12. TYPE OF REPORTING PERSON
IA; OO; HC
The percentages reported in this Schedule 13G are based upon 557,562,166 shares of common stock outstanding of August 1, 2012 (according to the Form 10-Q filed by the issuer on August 9, 2012).

Cusip No. 502161102 13GPage 3 of 10 Pages

NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 1. Citadel Holdings II LP CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP 2.(a) [\_] (b) [\_] SEC USE ONLY 3. 4. CITIZENSHIP OR PLACE OF ORGANIZATION **Delaware SOLE VOTING POWER** 5. NUMBER OF **SHARES** SHARED VOTING POWER **BENEFICIALLY** 

REPORTING

**EACH** 

OWNED BY

6.

30,053,103 shares

Edgar Filing: LSI CORP - Form SC 13G 7. SOLE DISPOSITIVE POWER

WITH 0

**PERSON** 

8. SHARED DISPOSITIVE POWER

See Row 6 above

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9.

See Row 6 above

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES

10. CERTAIN SHARES

[\_]

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11.

5.4%

12. TYPE OF REPORTING PERSON

PN; HC

Cusip No. 502161102 13GPage 4 of 10 Pages

NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 1. Citadel Investment Group II, L.L.C. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP 2.(a) [\_] (b) [\_] SEC USE ONLY 3. 4. CITIZENSHIP OR PLACE OF ORGANIZATION **Delaware** SOLE VOTING POWER 5. NUMBER OF 0 **SHARES** 

SHARED VOTING POWER

30,389,218 shares

**BENEFICIALLY** 

OWNED BY

**EACH** 

REPORTING	
PERSON	SOLE DISPOSITIVE POWER
WITH	7. <b>0</b>
	8. SHARED DISPOSITIVE POWER
	See Row 6 above.
AGGREGAT	E AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
See Row 6 ab	oove.
СНЕСК ВОХ	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES
10. CERTAIN SH	HARES
[_]	
PERCENT OI	F CLASS REPRESENTED BY AMOUNT IN ROW (9)
11.	
5.5%	
12.TYPE OF RE	PORTING PERSON
OO; HC	

Cusip No. 502161102 13GPage 5 of 10 Pages

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NAME OF REPORTING PERSON
 S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
1.
 Kenneth Griffin
 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
2.(a) [_]
 (b) [_]
 SEC USE ONLY
3.
4. CITIZENSHIP OR PLACE OF ORGANIZATION
 U.S. Citizen
               SOLE VOTING POWER
             5.
NUMBER OF
SHARES
               SHARED VOTING POWER
BENEFICIALLY
OWNED BY
             6.
               30,389,218 shares
EACH
```

REPORTING

PERSON 7. SOLE DISPOSITIVE POWER

WITH 0

8. SHARED DISPOSITIVE POWER

See Row 6 above

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9.
See Row 6 above

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES

10. CERTAIN SHARES

[\_]

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11.

5.5%

IN; HC

12. TYPE OF REPORTING PERSON

Cusip No. 502161102 13GPage 6 of 10 Pages

### Item 1(a) Name of Issuer

LSI Corporation

### Item 1(b) Address of Issuer's Principal Executive Offices

1621 Barber Lane, Milpitas, California 95035

### Item2 (a) Name of Person Filing

This Schedule 13G is being jointly filed by Citadel Advisors LLC ("Citadel Advisors"), Citadel Holdings II LP ("CH-II"), Citadel Investment Group II, L.L.C. ("CIG-II") and Mr. Kenneth Griffin (collectively with Citadel Advisors, CH-II and CIG-II, the "Reporting Persons") with respect to shares of common stock (and options to purchase common stock) of the above-named issuer owned by Surveyor Capital Ltd., a Cayman Islands limited company ("SC"), Citadel Derivatives Trading Ltd., a Cayman Islands limited company ("CDT"), Citadel Global Equities Master Fund Ltd., a Cayman Islands limited company ("CG"), Citadel Quantitative Strategies Master Fund Ltd., a Cayman Islands limited company ("CQS"), Citadel Global Equities Alpha Select Master Fund Ltd., a Cayman Islands limited company ("CG-Alpha"), certain segregated accounts and Citadel Securities LLC, a Delaware limited liability company ("Citadel Securities").

Citadel Advisors is the portfolio manager for SC, CDT, CG, CQS and CG-Alpha, and the investment manager for certain segregated accounts. CH-II is the managing member of Citadel Advisors. Citadel Holdings I LP, a Delaware limited partnership ("CH-I"), is the non-member manager of Citadel Securities. CIG-II is the general partner of CH-I and CH-II. Mr. Griffin is the President and Chief Executive Officer of, and owns a controlling interest in, CIG-II.

The filing of this statement shall not be construed as an admission that any of the Reporting Persons is the beneficial owner of any securities covered by the statement other than the securities actually owned by such person (if any).

#### Item 2(b) Address of Principal Business Office

The address of the principal business office of each of the Reporting Persons is c/o Citadel LLC, 131 S. Dearborn Street, 32nd Floor, Chicago, Illinois 60603.

#### **Item 2(c) Citizenship**

Each of Citadel Advisors and CIG-II is organized as a limited liability company under the laws of the State of Delaware. CH-II is organized as a limited partnership under the laws of the State of Delaware. Mr. Griffin is a U.S. citizen.

### Item 2(d) Title of Class of Securities

Common stock, \$0.01 par value

Item 2(e) CUSIP Number

502161102

Cusip No. 502161102 13GPage 7 of 10 Pages

Item 3 If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:
(a)[] Broker or dealer registered under Section 15 of the Exchange Act;
(b)[_] Bank as defined in Section 3(a)(6) of the Exchange Act;
(c)[] Insurance company as defined in Section 3(a)(19) of the Exchange Act;
(d)[] Investment company registered under Section 8 of the Investment Company Act;
(e)[] An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
(f)[] An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
(g)[] A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
(h)[_] A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;
(i) [] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act;
(j)[] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).
If filing as a non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J), please specify the type of institution:

### **Item 4 Ownership**

A. Citadel Advisors LLC

(a) Citadel Advisors may be deemed to beneficially own 30,053,103 shares of Common Stock.
The number of shares Citadel Advisors may be deemed to beneficially own constitutes approximately 5.4% of the Common Stock outstanding.
(c) Number of shares as to which such person has:
(i) sole power to vote or to direct the vote: 0
(ii) shared power to vote or to direct the vote: 30,053,103
(iii) sole power to dispose or to direct the disposition of: 0
(iv) shared power to dispose or to direct the disposition of: 30,053,103

Cusip No. 502161102 13GPage 8 of 10 Pages
B.Citadel Holdings II LP
(a) CH-II may be deemed to beneficially own 30,053,103 shares of Common Stock.
The number of shares CH-II may be deemed to beneficially own constitutes approximately 5.4% of the Common Stock outstanding.
(c) Number of shares as to which such person has:
(i) sole power to vote or to direct the vote: 0
(ii) shared power to vote or to direct the vote: 30,053,103
(iii) sole power to dispose or to direct the disposition of: 0
(iv) shared power to dispose or to direct the disposition of: 30,053,103
C. Citadel Investment Group II, L.L.C.
(a) CIG-II may be deemed to beneficially own 30,389,218 shares of Common Stock.
The number of shares CIG-II may be deemed to beneficially own constitutes approximately 5.5% of the Common Stock outstanding.
(c) Number of shares as to which such person has:
(i) sole power to vote or to direct the vote: 0

(ii) shared power to vote or to direct the vote: 30,389,218
(iii) sole power to dispose or to direct the disposition of: 0
(iv) shared power to dispose or to direct the disposition of: 30,389,218
D. Kenneth Griffin
(a)Mr. Griffin may be deemed to beneficially own 30,389,218 shares of Common Stock.
The number of shares Mr. Griffin may be deemed to beneficially own constitutes approximately 5.5% of the Common Stock outstanding.
(c) Number of shares as to which such person has:
(i) sole power to vote or to direct the vote: 0
(ii) shared power to vote or to direct the vote: 30,389,218
(iii) sole power to dispose or to direct the disposition of: 0
(iv) shared power to dispose or to direct the disposition of: 30,389,218

Cusip No. 502161102 13GPage 9 of 10 Pages

### Item 5 Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following [\_].

### Item 6 Ownership of More than Five Percent on Behalf of Another Person

Not Applicable

# Item Identification and Classification of the Subsidiary which Acquired the Security Being Reported on by the Parent Holding Company

See Item 2 above

### Item 8 Identification and Classification of Members of the Group

Not Applicable

### **Item 9 Notice of Dissolution of Group**

Not Applicable

#### **Item 10 Certification**

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

Cusip No. 502161102 13GPage 10 of 10 Pages

After reasonable inquiry and to the best of its knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

Dated this 11th day of October, 2012.

CITADEL ADVISORS LLC CITADEL HOLDINGS II LP

By: Citadel Holdings II LP,

By: Citadel Investment Group II, L.L.C.,

its Managing Member its General Partner

By: Citadel Investment Group II, L.L.C., By: s/ John C. Nagel

its General Partner John C. Nagel, Authorized Signatory

By:/s/ John C. Nagel

John C. Nagel, Authorized Signatory

CITADEL INVESTMENT GROUP II, KENNETH GRIFFIN

L.L.C.

By:/s/ John C. Nagel By:/s/ John C. Nagel

John C. Nagel, Authorized Signatory John C. Nagel, attorney-in-fact\*

18

<sup>\*</sup> John C. Nagel is signing on behalf of Kenneth Griffin as attorney-in-fact pursuant to a power of attorney previously filed with the Securities and Exchange Commission on February 24, 2006, and hereby incorporated by reference herein. The power of attorney was filed as an attachment to a filing by Citadel Limited Partnership on Schedule 13G for Morgans Hotel Group Co.