INPHI Corp Form SC 13G February 08, 2012

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No.)¹

Inphi Corporation

(Name of Issuer)

Common Stock, \$0.001 par value (Title of Class of Securities)

45772F107 (CUSIP Number)

December 31, 2011 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed.
x Rule 13d-1(b)

"Rule 13d-1(c)

[&]quot; 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 the disclosures provided in a prior cover page. The information required in 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. <u>45772F107</u>

1,459,350

1)	Names	of Re	eporting Persons
	I.R.S. I	dentif	fication Nos. of Above Persons (Entities Only)
	Times	Squ	are Capital Management, LLC
2)	20-16 Check t)4 ppropriate Box if a Member of a Group (See Instructions)
	(a) "	(b)	
3)	SEC U	se On	ly
4)	Citizen	ship o	or Place of Organization
	Del	awaı (5)	re Sole Voting Power
	nber of	(6)	1,318,350 Shared Voting Power
Bene	eficially		
Owned By		(7)	0 Sole Dispositive Power
	Each porting		•
Pe	erson Vith	(8)	1,459,350 Shared Dispositive Power
9)	Aggreg	ate A	0 mount Beneficially Owned by Each Reporting Person

10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) "

3

11) Percent of Class Represented by Amount in Row 9

5.3%

12) Type of Reporting Person (See Instructions)

IA

	Item 1(a)			
Name of Issuer: Inphi Corporation				
	Item 1(b)			
Address of Issuer s Principal Executive Offices: 3945 Freedom	Circle, Suite 1100			
Santa Clara, C.	A 95054 Item 2(a)			
Name of Persons Filing: TimesSquare Capital Management, LLC (TimesSquare)			
	Item 2(b)			
Address of Principal Business Office or, if none, Residence:				
TimesSquare: 1177 Avenue of the Americas, 39 th Floor				
New York, NY 10036	Item 2(c)			
	nem 2(t)			
Citizenship: TimesSquare is a Delaware limited liability company.	Tr. AAN			
Item 2(d)				
Title of Class of Securities: Common Stock, \$0.001 par value				
	Item 2(e)			
CUSIP Number: 45772F107				
	Item 3			
This statement is filed by TimesSquare pursuant to §§240.13d-1(b), adviser in accordance with §240.13d-1(b)(1)(ii)(E).	, or 240.13d-2(b) or (c), on the basis that TimesSquare is an investment			
	Item 4			
Ownership. The following ownership information is as of December	er 31, 2011.			
(a) Amount Danafiaidh, Oumal, 1,450,250				
 (a) Amount Beneficially Owned: 1,459,350 (b) Percent of Class: 5.3% Percent of class is based on 27,754,000 shares of Common Stock of Corporation. 	utstanding as of December 31, 2011 as reported to us by FT Interactive Data			

(c) Number of shares a	as to which the person has:
(i) sole power to	o vote or to direct the vote 1,318,350*
(ii) shared power	to vote or to direct the vote 0
(iii) sole power to	o dispose or to direct the disposition of 1,459,350*
(iv) shared power	to dispose or to direct the disposition of 0
	rted on in this statement are owned by investment advisory clients of TimesSquare. In its role as investment adviser, ng and dispositive power with respect to these shares. Item 5
Ownership of Five Perce	ent or Less of a Class.
If this statement is being five percent of the class	filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than of securities, check the following ".
Not applicable	
	Item 6
Ownership of More than	Five Percent on Behalf of Another Person.
	Stock reported on in this statement are owned by investment advisory clients of TimesSquare, and such clients have the s from and proceeds from the sale of such shares. To TimesSquare s knowledge, the interest of no one of these clients of the class.
	Item 7
Identification and Classi Person.	fication of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control
Not applicable.	
	Item 8
Identification and Classi	fication 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 acquired and are held in the ordinary course of business and 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.

Signature.

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

Date: February 8, 2012

TIMESSQUARE CAPITAL MANAGEMENT, LLC

Signature: /s/ Mark J. Aaron Name/Title: Mark J. Aaron

Chief Operating Officer and Chief

Compliance Officer