INTERDIGITAL INC. Form SC 13G/A November 10, 2010

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 8) *

INTERDIGITAL, INC.
(Name of Issuer)

COMMON STOCK (Title of Class of Securities)

45867G101 (CUSIP Number)

October 31, 2010 (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) [] 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.

CUSIP No. 45867G101

1. NAME OF REPORTING PERSONS

HEARTLAND	ADVISORS,	INC.

2. CHECK THE APPROPRIATE	BOX IF A MEMBER OF A GROUP
	(a) [] (b) []
3. SEC USE ONLY	
4. CITIZENSHIP OR PLACE C	OF ORGANIZATION
	WISCONSIN, U.S.A.
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5. SOLE VOTING POWER
	None
	6. SHARED VOTING POWER
	2,071,225
	7. SOLE DISPOSITIVE POWER
	None
8.	SHARED DISPOSITIVE POWER
	2,107,315
9. AGGREGATE AMOUNT BENEF 2,107,315	FICIALLY OWNED BY EACH REPORTING PERSON
10. CHECK IF THE AGGREGAT	TE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
11. PERCENT OF CLASS REPR	RESENTED BY AMOUNT IN ROW 9
4.8%	
12. TYPE OF REPORTING PER	RSON
IA	
CUSIP No. 45867G101	
1. NAME OF REPORTING PERS	CONS
WILLIAM	1 J. NASGOVITZ
2. CHECK THE APPROPRIATE	BOX IF A MEMBER OF A GROUP
	(a) [] (b) []
3. SEC USE ONLY	

4. CITIZENSHIP OR PLACE OF ORGANIZATION

U.S.A.

NUMBER OF

5. SOLE VOTING POWER

SHARES BENEFICIALLY

OWNED BY

EACH

REPORTING PERSON None

6. SHARED VOTING POWER

2,071,225

WITH

7. SOLE DISPOSITIVE POWER

None

8. SHARED DISPOSITIVE POWER

2,107,315

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,107,315

- 10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
- 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

4.8%

12. TYPE OF REPORTING PERSON

ΙN

Item 1.

- (a) Name of Issuer: INTERDIGITAL, INC.
- (b) Address of Issuer's Principal Executive Offices: 781 Third Avenue King of Prussia, PA 19406-1409

Item 2.

- (a) Names of Persons Filing: (1) Heartland Advisors, Inc.
 - (2) William J. Nasgovitz
- (b) Address of Principal Business Office:
- All reporting persons may be contacted at 789 North Water Street, Milwaukee, WI 53202
- (c) Citizenship or Place of Organization: Heartland Advisors is a Wisconsin corporation. William J. Nasgovitz is a United States citizen.
 - (d) Title of Class of Securities: Common Stock

(e) CUSIP Number: 45867G101

Item 3.

If this statement is filed pursuant to Sections 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) [] Broker or dealer registered under Section 15 of the Act (15 U.S.C. 780);
- (b)[] Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c)[] Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d)[] Investment company registered under Section 8 of the Investment Company Act of 1940(15 U.s.c. 80a-8);
- (e) [X] * An investment adviser in accordance with Section 240.13d-1(b) (1) (ii) (E);
- (f)[] An employee benefit plan or endowment fund in accordance with Section 240.13d-1 (b)(1)(ii)(F);
- (g) [X]* A parent holding company or control person in accordance with Section 240.13d-1 (b) (1) (ii) (G);
- (h)[] A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i)[] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940(15 U.S.C. 80a-3);
- (j) A non-U.S. institution in accordance with Section 240.13d-1(b)(1)(ii)(J);
- (k)[] Group, in accordance with Section 240.13d-1(b)(1)(ii)(K).
- * The persons filing this Schedule 13G are Heartland Advisors, Inc., an investment adviser registered with the SEC, and William J. Nasgovitz, President and control person of Heartland Advisors, Inc. The reporting persons do not admit that they constitute a group.
- Item 4. Ownership.

For information on ownership, voting and dispositive power with respect to the above listed shares, see Items 5-9 of the Cover 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 five percent of the class of securities, check the following: $[\ X\]$

Item 6. Ownership of more than Five Percent on Behalf of Another Person.

Not Applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

Not Applicable.

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

DATE: November 10, 2010

WILLIAM J. NASGOVITZ

HEARTLAND ADVISORS, INC.

By: /s/ PAUL T. BESTE
Paul T. Beste
As Attorney in Fact for
William J. Nasgovitz

By: /s/ PAUL T. BESTE
Paul T. Beste
Chief Operating Officer

(Pursuant to Power of Attorney Previously Filed)

EXHIBIT INDEX

Exhibit 1 Joint Filing Agreement

EXHIBIT 1

Joint Filing Agreement

In accordance with Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended, each of the undersigned hereby agrees to the joint filing with the other reporting person of a statement on Schedule 13G (including amendments thereto) with respect to the common stock, \$0.01 par value, of INTERDIGITAL, INC. and that this Agreement be included as an Exhibit to such joint filing.

IN WITNESS WHEREOF, the undersigned hereby execute this Agreement this 10th day of November, 2010.

WILLIAM J. NASGOVITZ

By: /s/ PAUL T. BESTE
Paul T. Beste
As Attorney in Fact for William J. Nasgovitz
(Pursuant to Power of Attorney Previously Filed)

HEARTLAND ADVISORS, INC.

By: /s/ PAUL T. BESTE Paul T. Beste

Chief Operating Officer