UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. _)*

AtriCure Inc		
(Name of Issuer)		
Common Stock		
(Title of Class of Securities)		
04963C209		
(CUSIP Number)		
December 31, 2020		
(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)

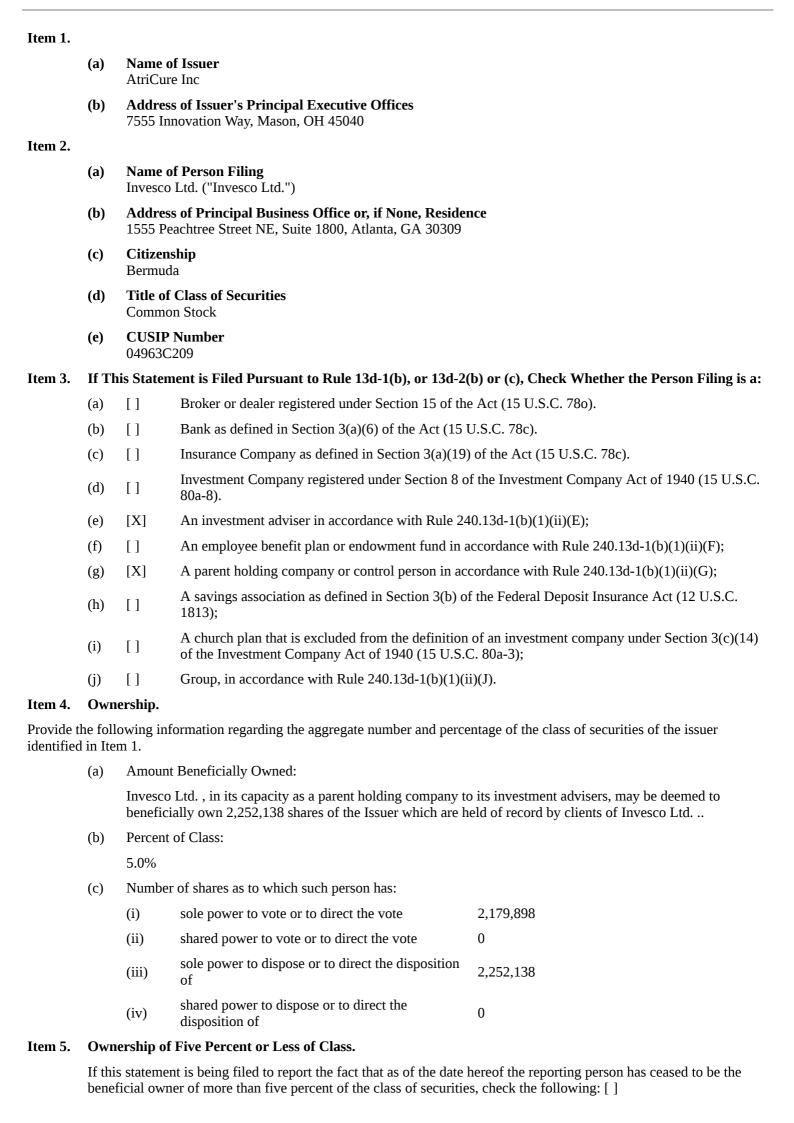
[] Rule 13d-1(d)

The 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 (the "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.)

^{*} 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.

CUSIP No. 04963C209

1.	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)		
	Invesco Ltd. 98-0557567		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*		
	(a) [] (b) []		
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PLACE OF ORGANIZATION		
	Sermuda		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH	5. SOLE VOTING POWER	2,179,898	
	6. SHARED VOTING POWER	0	
	7. SOLE DISPOSITIVE POWER	2,252,138	
REPORTING PERSON WITH	8. SHARED DISPOSITIVE POWER	0	
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	2,252,138		
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	5.0%		
12.	TYPE OF REPORTING PERSON		
	HC, IA		



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

However, no one individual has greater than 5% economic ownership. The shareholders of the Fund have the right to receive or the power to direct the receipt of dividends and proceeds from the sale of securities listed above.

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

Invesco Advisers, Inc. Invesco Asset Management Ltd Invesco Canada Ltd Invesco Capital Management LLC

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

Not Applicable. This schedule is not being filed pursuant to Rule 13d-1(b)(1)(ii)(J) or Rule 13d-1(d).

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.

Invesco Ltd.

By: <u>/s/ Robert R. Leveille</u>
Date: February 16, 2021
Name: Robert R. Leveille
Title: Global Assurance Officer

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) (l) under the Securities Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing of the attached Schedule 13G, and any and all amendments thereto, and expressly authorize Invesco Ltd., as the ultimate parent company of each of its undersigned subsidiaries, to file such Schedule 13G, and any and all amendments thereto, on behalf of each of them.

Dated: 02/10/2021

Invesco Ltd.

By: /s/ Robert R. Leveille
Name: Robert R. Leveille
Title: Global Assurance Officer

Invesco Advisers, Inc. By: /s/ <u>Todd F. Kuehl</u> Name: Todd F. Kuehl

Title: Chief Compliance Officer

Invesco Canada Ltd. By: /s/ <u>Kate Archibald</u> Name: Kate Archibald

Title: SVP, Head of Compliance, and Chief Compliance Officer

Invesco Trust Company By: /s/ <u>Odeh Stevens</u> Name: Odeh Stevens Title: Authorized Signatory

Invesco Hong Kong Limited

By: /s/ <u>Lee Siu Mei</u> Name: Lee Siu Mei

Title: Authorized Signatory

Invesco Hong Kong Limited

By: /s/ <u>Pang Sin Chu</u> Name: Pang Sin Chu Title: Authorized Signatory

Invesco Asset Management Deutschland GmbH

By: /s/ <u>Alexander Taft</u> Name: Alexander Taft

Title: MD - Struct. Finance, Europe

Invesco Asset Management Limited

By: /s/ <u>Chris Edge</u> Name: Chris Edge

Title: Head of UK Compliance

Invesco Management S.A.

By: /s/ Peter Carroll
Name: Peter Carroll

Title: Head EMEA Delegation Oversight

Invesco Taiwan Limited By: /s/ <u>Jacky Hsiao</u> Name: Jacky Hsiao Title: General Manager

Invesco Asset Management (Japan) Limited

By: /s/ <u>Tsuyoshi Mochiyama</u> Name: Tsuyoshi Mochiyama Title: Head of Compliance

Invesco Asset Management Singapore Limited

By: /s/ <u>Lee Siu Mei</u> Name: Lee Siu Mei

Title: Authorized Signatory

Invesco Asset Management Singapore Limited

By: /s/ <u>Pang Sin Chu</u> Name: Pang Sin Chu Title: Authorized Signatory

Invesco Capital Management, LLC

By: /s/ Melanie Zimdars Name: Melanie Zimdars Title: CCO, ICM & ETFs

Invesco Investment Advisers, LLC

By: /s/ <u>Trisha B Hancock</u> Name: Trisha B Hancock

Title: CCO, Broker-Dealers and UITs

Invesco Australia Ltd. By: /s/ <u>Tas Seedat</u> Name: Tas Seedat

Title: Senior Compliance Manager

Invesco Private Capital, Inc.

By: /s/ <u>Josh E Levit</u> Name: Josh E Levit

Title: Chief Compliance Officer

OppenheimerFunds, Inc. By: /s/ <u>Donna White</u> Name: Donna White Title: Compliance Director

Invesco Real Estate Management S.A.R.L.

By: /s/ <u>Fabrice Coste</u> Name: Fabrice Coste Title: Compliance Director

Invesco Real Estate Management S.A.R.L.

By: /s/ <u>Marion Geniaux</u> Name: Marion Geniaux

Title: Senior Director, Fund Accounting