MATTSON TECHNOLOGY INC Form SC 13G January 09, 2015

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities and Exchange Act of 1934

Mattson Technology, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

577223100

(CUSIP Number)

December 31, 2014

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

This Schedule is filed pursuant to Rule 13d-1(b)

The information required in the remainder of this cover page (except any items to which the form provides a cross-reference) 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. <u>577223100</u>

1)	Name of Reporting Person			
	Ameriprise Financial, Inc.			
	S.S. or I.R.S. Identification No. of Above Person			
IRS No. 13-3180631 2) Check the Appropriate Box if a Member of a Group (a) " (b) x*				
3)	*This filing describes the reporting person s relationship with other persons, but the reporting person does affirm the existence of a group. SEC Use Only			
4)	Citizenship or Place of Organization			
	Delaware MBER OF	5)	Sole Voting Power	
S]	HARES			
BENEFICIALLY		6)	0 Shared Voting Power	
OWNED BY		0)	Shared Today Tower	
]	EACH			
REF	PORTING	7)	1,343,278 Sole Dispositive Power	
Pl	ERSON			
,	WITH	8)	0 Shared Dispositive Power	

7.820.505

HC

9)	Aggregate Amount Beneficially Owned by Each Reporting Person
10)	7,820,505 Check if the Aggregate Amount in Row (9) Excludes Certain Shares
11)	Not Applicable Percent of Class Represented by Amount In Row (9)
12)	10.60% Type of Reporting Person

CUSIP NO. <u>577223100</u>

1)	Name of Re	eport	ing Person		
	Columbia Management Investment Advisers, LLC				
	S.S. or I.R.S	S. Id	entification No. of Above Person		
2)	IRS No. 41-1533211 Check the Appropriate Box if a Member of a Group				
	(a) " (b) x	*		
3)	*This filing describes the reporting person s relationship with other persons, but the reporting person does affirm the existence of a group. 3) SEC Use Only				
4)	4) Citizenship or Place of Organization				
	Minnesota MBER OF	5)	Sole Voting Power		
	HARES				
	EFICIALLY /NED BY	6)	0 Shared Voting Power		
]	EACH		1.040.070		
REF	PORTING	7)	1,343,278 Sole Dispositive Power		
Pl	ERSON				
,	WITH	8)	0 Shared Dispositive Power		

7,766,078

Aggregate Amount Beneficially Owned by Each Reporting	g Person
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7,766,078

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

Not Applicable

11) Percent of Class Represented by Amount In Row (9)

10.52%

12) Type of Reporting Person

IA

CUSIP NO. <u>577223100</u>

1)	Name of Reporting Person			
	Columbia Seligman Communications & Information Fund			
	S.S. or I.R.S	S. Id	entification No. of Above Person	
2)	IRS No. 13-Check the A	Appr	opriate Box if a Member of a Group	
3)	*This filing describes the reporting person s relationship with other persons, but the reporting person does no affirm the existence of a group. SEC Use Only			
4)	Citizenship	or F	Place of Organization	
	Massachuse MBER OF HARES	etts 5)	Sole Voting Power	
	EFICIALLY VNED BY	6)	4,618,347 Shared Voting Power	
REF	EACH PORTING	7)	0 Sole Dispositive Power	
	ERSON WITH		0	

8) Shared Dispositive Power

4,618,347

9)	Aggregate Amount	Beneficially	Owned by	Each Reporting	Person

4,618,347

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

Not Applicable

11) Percent of Class Represented by Amount In Row (9)

6.26%

12) Type of Reporting Person

IV

Name of Issuer: 1(a) Mattson Technology, Inc. Address of Issuer s Principal 47131 Bayside Parkway 1(b) **Executive Offices:** Fremont, CA 94538 2(a) Name of Person Filing: (a) Ameriprise Financial, Inc. (AFI) (b) Columbia Management Investment Advisers, LLC (CMIA) (c) Columbia Seligman Communications & Information Fund (Fund) Address of Principal Business Office: (a) Ameriprise Financial, Inc. 2(b) 145 Ameriprise Financial Center Minneapolis, MN 55474 (b) 225 Franklin St. Boston, MA 02110 (c) 225 Franklin St. Boston, MA 02110 Citizenship: 2(c) (a) Delaware (b) Minnesota (c) Massachusetts 2(d) Title of Class of Securities: Common Stock 577223100 2(e) Cusip Number: 3 Information if statement is filed pursuant to Rules 13d-1(b) or 13d-2(b): (a) Ameriprise Financial, Inc. A parent holding company in accordance with Rule 13d-1(b)(1)(ii)(G). (Note: See Item 7) (b) Columbia Management Investment Advisers, LLC An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E). (c) Columbia Seligman Communications & Information Fund

An investment company in accordance with Rule 13d-1(b)(1)(ii)(D).

4 Incorporated by reference to Items (5)-(9) and (11) of the cover page pertaining to each reporting person.

CMIA and AFI do not directly own any shares of Common Stock of the issuer. As the investment adviser to the Fund and various other unregistered and registered investment companies and other managed accounts, CMIA may be deemed to beneficially own the shares reported herein by the Fund. Accordingly, the shares reported herein by CMIA include those shares separately reported herein by the Fund.

As the parent holding company of CMIA, AFI may be deemed to beneficially own the shares reported herein by CMIA. Accordingly, the shares reported herein by AFI include those shares separately reported herein by CMIA.

Each of AFI and CMIA, and the subsidiaries identified on the attached Exhibit I, disclaims beneficial ownership of any shares reported on this Schedule.

- 5 Ownership of 5% or Less of a Class: Not Applicable
- 6 Ownership of more than 5% on Behalf of Another Person:

To the knowledge of AFI, CMIA and the Fund, no other persons besides AFI, CMIA and the Fund and those persons for whose shares of common stock CMIA and AFI report beneficial ownership have the right to receive or the power to direct the receipt of dividends from or the proceeds from the sale of the securities of the issuer reported herein. As of December 31, 2014, only the Fund owned more than 5% of the class of securities reported herein.

Any remaining shares reported herein by CMIA are held by various other funds or accounts managed by CMIA which each have the right to receive any dividends paid by the issuer and could terminate their respective investment advisory relationship with CMIA and then subsequently direct the use of proceeds from the sale of the common stock owned by such fund or account. To CMIA s knowledge, none of these other funds or accounts own more than 5% of the outstanding shares of the issuer as December 31, 2014.

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

AFI: See Exhibit I

8 Identification and Classification of Members of the Group:

Not Applicable

9 Notice of Dissolution of Group:

Not Applicable

10 Certification:

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

Dated: January 9, 2015

By: /s/ Martha Skinner
Name: Martha Skinner
Title: Director Financial Reporting
Accounting and Administration Services

Columbia Management Investment Advisers, LLC

By: /s/ Amy Johnson Name: Amy Johnson Title: COO and Managing Director

Columbia Seligman Communications & Information Fund

By: /s/ Paul Goucher
Name: Paul Goucher
Title: Senior Vice President, Chief Legal
Officer and Assistant Secretary

Contact Information
Martha Skinner
Director Fund Administration
Financial Reporting
Telephone: (612) 671-7086

Exhibit Index

Exhibit I Identification and Classification of the Subsidiary which Acquired the Security Being Reported on by the

Parent Holding Company.

Exhibit II Joint Filing Agreement