

<div>Form 5500</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Annual Return/Report of Employee Benefit Plan</div> <div>This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6047(e), and 6058(a) of the Internal Revenue Code (the Code).</div> <div>▶ Complete all entries in accordance with the instructions to the Form 5500.</div>	<div>OMB Nos. 1210-0110 1210-0089</div> <div>2009</div> <div>This Form is Open to Public Inspection</div>
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Part I	Annual Report Identification Information
For calendar plan year 2009 or fiscal plan year beginning 01/01/2009 and ending 12/31/2009	
A This return/report is for:	<div>☐ a multiemployer plan;</div> <div>☒ a single-employer plan;</div> <div>☐ a multiple-employer plan; or</div> <div>☐ a DFE (specify) ____</div>
B This return/report is:	<div>☐ the first return/report;</div> <div>☐ the final return/report;</div> <div>☐ an amended return/report;</div> <div>☐ a short plan year return/report (less than 12 months).</div>
C If the plan is a collectively-bargained plan, check here.	☐
D Check box if filing under:	<div>☒ Form 5558;</div> <div>☐ automatic extension;</div> <div>☐ the DFVC program;</div> <div>☐ special extension (enter description)</div>

Part II	Basic Plan Information—enter all requested information
1a Name of plan SENSATA TECHNOLOGIES 401(K) SAVINGS PLAN	1b Three-digit plan number (PN) ▶ 002
	1c Effective date of plan 04/27/2006
2a Plan sponsor's name and address (employer, if for a single-employer plan) (Address should include room or suite no.) SENSATA TECHNOLOGIES, INC. PO BOX 2964 ATTLEBORO, MA 02703-0964 529 PLEASANT STREET ATTLEBORO, MA 02703-0964	2b Employer Identification Number (EIN) 20-4297839
	2c Sponsor's telephone number 508-236-3800
	2d Business code (see instructions) 335900

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	09/21/2010	EDWARD PETER
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	09/21/2010	EDWARD PETER
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address (if same as plan sponsor, enter "Same") SENSATA TECHNOLOGIES, INC. PO BOX 2964 ATTLEBORO, MA 02703-0964	3b Administrator's EIN 20-4297839 3c Administrator's telephone number 508-236-3800
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4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report: a Sponsor's name	4b EIN 4c PN
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5 Total number of participants at the beginning of the plan year	5	388
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6 Number of participants as of the end of the plan year (welfare plans complete only lines 6a , 6b , 6c , and 6d).		
a Active participants.....	6a	319
b Retired or separated participants receiving benefits.....	6b	0
c Other retired or separated participants entitled to future benefits.....	6c	62
d Subtotal. Add lines 6a , 6b , and 6c	6d	381
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.....	6e	1
f Total. Add lines 6d and 6e	6f	382
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....	6g	370
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6h	0

7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7	
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8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:
 2E 2F 2G 2J 2K 2R 2T 3H

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)
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SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2009
		This Form is Open to Public Inspection.

For calendar plan year 2009 or fiscal plan year beginning 01/01/2009 and ending 12/31/2009	
A Name of plan SENSATA TECHNOLOGIES 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 SENSATA TECHNOLOGIES, INC.	D Employer Identification Number (EIN) 20-4297839

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a** Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b** If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
COLUMBIA MANAGEMENT CO.	ONE FINANCIAL CENTER BOSTON, MA 02111

(b) Enter name and EIN or address of person who provided you disclosure on eligible indirect compensation	
LAZARD ASSET MANAGEMENT	30 ROCKEFELLER PLAZA NEW YORK, NY 10021

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
LOOMIS SAYLES	ONE FINANCIAL CENTER BOSTON, MA 02111

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
MORGAN STANLEY DEAN WITTER	1585 BROADWAY NEW YORK, NY 10020

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

HARBOR CAPITAL ADVISORS

111 S WACKER DR
34TH FL
CHICAGO, IL 60606

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

PUTNAM INVESTMENTS

1 POST OFFICE SQUARE
BOSTON, MA 02109

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

FIDELITY INVESTMENTS

82 DEVONSHIRE ST
BOSTON, MA 02109

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

THE AMERICAN FUNDS GROUP

333 SOUTH HOPE STREET
LOS ANGELES, CA 90071

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

VAN KAMPEN AMERICAN CAPITAL

430 WEST 7TH STREET
KANSAS CITY, MO 64105

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

AMERICAN CENTURY INVESTMENTS

430 WEST 7TH STREET
KANSAS CITY, MO 64105

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

THORNBURG INVESTMENT MGMT

2300 NORTH RIDGETOP ROAD
SANTA FE, NM 87506

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

MERCER HR SERVICES, LLC

INVESTORS WAY
NORWOOD, MA 02062

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 21 25 37 38 49 50 60 62 64 65 72 99	RECORDKEEPER/T RUSTEE	4800	Yes ☒ No ☐	Yes ☐ No ☒	33637	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MERCER HR SERVICES, LLC	15 38 59 60	1505

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
HARBOR CAPITAL ADVISORS 111 S WACKER DR 34TH FL CHICAGO, IL 60606	RECORDKEEPING, COMMUNICATION, SHAREHOLDER SERVICING FEES, SUB-TRANSFER AGENCY FEES

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MERCER HR SERVICES, LLC	15 38 59 60	1874

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
LAZARD ASSET MANAGEMENT 30 ROCKEFELLER PLAZA NEW YORK, NY 10021	RECORDKEEPING, COMMUNICATION, SHAREHOLDER SERVICING FEES, SUB-TRANSFER AGENCY FEES

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MERCER HR SERVICES, LLC	15 38 59 60	3236

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
LOOMIS SAYLES ONE FINANCIAL CENTER BOSTON, MA 02109	RECORDKEEPING, COMMUNICATION, SHAREHOLDER SERVICING FEES, SUB-TRANSFER AGENCY FEES

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MERCER HR SERVICES, LLC	15 38 49 50 64 65 99	21332
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PUTNAM INVESTMENTS 1 POST OFFICE SQUARE BOSTON, MA 02109		VARIOUS ADMINISTRATIVE SERVICES
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MERCER HR SERVICES, LLC	15 38 59 60	1900
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
THE AMERICAN FUNDS GROUP 333 SOUTH HOPE STREET LOS ANGELES, CA 90071		RECORDKEEPING, COMMUNICATION, SHAREHOLDER SERVICING FEES, SUB-TRANSFER AGENCY FEES
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MERCER HR SERVICES, LLC	15 38 59 60	1090
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
VAN KAMPEN AMERICAN CAPITAL 430 WEST 7TH STREET KANSAS CITY, MO 64105		RECORDKEEPING, COMMUNICATION, SHAREHOLDER SERVICING FEES, SUB-TRANSFER AGENCY FEES

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN;
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN;
c Position:	
d Address:	e Telephone:

Explanation:

<div>SCHEDULE D</div> <div>(Form 5500)</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div>		<div>DFE/Participating Plan Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div>		<div>OMB No. 1210-0110</div> <div>2009</div> <div>This Form is Open to Public Inspection.</div>	
For calendar plan year 2009 or fiscal plan year beginning 01/01/2009 and ending 12/31/2009					
A Name of plan SENSATA TECHNOLOGIES 401(K) SAVINGS PLAN				B Three-digit plan number (PN) ▶ 002	
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 SENSATA TECHNOLOGIES, INC.				D Employer Identification Number (EIN) 20-4297839	
Part I Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)					
a Name of MTIA, CCT, PSA, or 103-12 IE: PUTNAM S & P 500 INDEX FUND					
b Name of sponsor of entity listed in (a): PUTNAM FIDUCIARY TRUST COMPANY					
c EIN-PN 04-2884233-201		d Entity code C		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 37381	
a Name of MTIA, CCT, PSA, or 103-12 IE: PUTNAM STABLE VALUE FUND					
b Name of sponsor of entity listed in (a): PUTNAM FIDUCIARY TRUST COMPANY					
c EIN-PN 04-3159710-202		d Entity code C		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4892116	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2009
		This Form is Open to Public Inspection

For calendar plan year 2009 or fiscal plan year beginning 01/01/2009 and ending 12/31/2009

A Name of plan <u>SENSATA TECHNOLOGIES 401(K) SAVINGS PLAN</u>	B Three-digit plan number (PN) <u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>SENSATA TECHNOLOGIES, INC.</u>	D Employer Identification Number (EIN) <u>20-4297839</u>

Part I	Asset and Liability Statement
---------------	--------------------------------------

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	102805	187717
(2) Participant contributions	1b(2)	44729	
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	791693	492684
(9) Value of interest in common/collective trusts	1c(9)	4372132	4929497
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	6753888	10133077
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)	215974	300472

1d Employer-related investments:

		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	12281221	16043447

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	12281221	16043447
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income**a Contributions:**

		(a) Amount	(b) Total
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	236734	
(B) Participants	2a(1)(B)	1457889	
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		1694623

b Earnings on investments:**(1) Interest:**

(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	49116	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		49116

(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	244077	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		244077

(3) Rents	2b(3)		
-----------------	--------------	--	--

(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0

		(a) Amount	(b) Total
2b (5) Unrealized appreciation (depreciation) of assets: (A) Real estate.....	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0
(6) Net investment gain (loss) from common/collective trusts	2b(6)		637368
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		2291208
c Other income.....	2c		77496
d Total income. Add all income amounts in column (b) and enter total.....	2d		4993888

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	1226862	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		1226862
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	4800	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		4800
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		1231662

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		3762226
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unqualified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☒ Yes ☐ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: ERNST & YOUNG US LLP

(2) EIN: 34-6565596

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

- 4** CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete 4j and 4l. MTIAs also do not complete 4l.

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.).....		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.).....		X	
e Was this plan covered by a fidelity bond?.....	X		10000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.).....	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.).....		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?.....		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.).....		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			

- 5a** Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?
If yes, enter the amount of any plan assets that reverted to the employer this year ☐ Yes ☒ No Amount:

- 5b** If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)

5b(2) EIN(s)

5b(3) PN(s)

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under section 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2009
		This Form is Open to Public Inspection.

For calendar plan year 2009 or fiscal plan year beginning 01/01/2009 and ending 12/31/2009

A Name of plan <u>SENSATA TECHNOLOGIES 401(K) SAVINGS PLAN</u>	B Three-digit plan number (PN) ▶ <u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>SENSATA TECHNOLOGIES, INC.</u>	D Employer Identification Number (EIN) <u>20-4297839</u>

Part I	Distributions
---------------	----------------------

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>20-2020334</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....	3	

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part)
----------------	--

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?.....	☐ Yes	☐ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____	If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?.....	☐ Yes	☐ No	☐ N/A

Part III	Amendments
-----------------	-------------------

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box(es). If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☐ No
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Part IV	ESOPs (see instructions). If this is not a plan described under Section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
----------------	---

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?.....	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

For Paperwork Reduction Act Notice and OMB Control Numbers, see the instructions for Form 5500.

Schedule R (Form 5500) 2009
v.092308.1

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

- 14** Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year	14a	
b The plan year immediately preceding the current plan year	14b	
c The second preceding plan year	14c	

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	15a	
b The corresponding number for the second preceding plan year	15b	

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	16a	
b If item 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

- 19** If the total number of participants is 1,000 or more, complete items (a) through (c)

- a** Enter the percentage of plan assets held as:

Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

- b** Provide the average duration of the combined investment-grade and high-yield debt:

☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

- c** What duration measure was used to calculate item 19(b)?

☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

Report of Independent Auditors

The Plan Administrator and Participants Sensata Technologies 401(k) Savings Plan

We were engaged to audit the accompanying statements of net assets available for benefits of Sensata Technologies 401(k) Savings Plan as of December 31, 2009 and 2008, and the related statements of changes in net assets available for benefits for the years then ended, and the supplemental schedule of assets (held at end of year) as of December 31, 2009. These financial statements and supplemental schedule are the responsibility of the Plan's management.

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3 as of and for the years ended December 31, 2009 and 2008, which were certified by Mercer Trust Company, the trustee of the Plan, except for comparing the information with the related information included in the financial statements and supplemental schedule. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the trustee, as of and for the years ended December 31, 2009 and 2008, that the information provided to the plan administrator by the trustee is complete and accurate.

Because of the significance of the information that we did not audit, we are unable to, and do not, express an opinion on the accompanying financial statements and supplemental schedule as of and for the years ended December 31, 2009 and 2008, taken as a whole. The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States, and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

Ernst & Young LLP

September 15, 2010

FINANCIAL STATEMENTS AND
SUPPLEMENTAL SCHEDULE

Sensata Technologies 401(k) Savings Plan
Years Ended December 31, 2009 and 2008
With Report of Independent Auditors

Ernst & Young LLP

 **ERNST & YOUNG**

Sensata Technologies 401(k) Savings Plan
Financial Statements and Supplemental Schedule
Years Ended December 31, 2009 and 2008

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Report of Independent Auditors

The Plan Administrator and Participants Sensata Technologies 401(k) Savings Plan

We were engaged to audit the accompanying statements of net assets available for benefits of Sensata Technologies 401(k) Savings Plan as of December 31, 2009 and 2008, and the related statements of changes in net assets available for benefits for the years then ended, and the supplemental schedule of assets (held at end of year) as of December 31, 2009. These financial statements and supplemental schedule are the responsibility of the Plan's management.

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3 as of and for the years ended December 31, 2009 and 2008, which were certified by Mercer Trust Company, the trustee of the Plan, except for comparing the information with the related information included in the financial statements and supplemental schedule. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the trustee, as of and for the years ended December 31, 2009 and 2008, that the information provided to the plan administrator by the trustee is complete and accurate.

Because of the significance of the information that we did not audit, we are unable to, and do not, express an opinion on the accompanying financial statements and supplemental schedule as of and for the years ended December 31, 2009 and 2008, taken as a whole. The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States, and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

Ernst & Young LLP

September 15, 2010

Sensata Technologies 401(k) Savings Plan

Statements of Net Assets Available for Benefits

	December 31	
	2009	2008
Assets		
Investments, at fair value (<i>Note 3</i>):		
Investments	\$ 15,363,046	\$ 11,341,994
Participant loans	492,684	791,693
	<u>15,855,730</u>	<u>12,133,687</u>
Contribution receivables:		
Participants	—	44,729
Employer	187,717	102,805
	<u>187,717</u>	<u>147,534</u>
Net assets reflecting investments at fair value	16,043,447	12,281,221
Adjustment from fair value to contract value for fully benefit-responsive investment contracts	(202,826)	294,634
Net assets available for benefits	<u>\$ 15,840,621</u>	<u>\$ 12,575,855</u>

See accompanying notes.

Sensata Technologies 401(k) Savings Plan

Statements of Changes in Net Assets Available for Benefits

	Year Ended December 31	
	2009	2008
Additions		
Investment income (loss):		
Net appreciation (depreciation) in fair value of investments	\$ 2,387,995	\$ (4,092,180)
Interest and dividends	414,893	513,535
	<u>2,802,888</u>	<u>(3,578,645)</u>
Contributions:		
Participants	1,457,889	2,161,513
Employer	236,734	538,587
Rollovers	—	435,690
	<u>1,694,623</u>	<u>3,135,790</u>
Total additions, net of investment income (loss)	4,497,511	(442,855)
Deductions		
Benefit payments	1,226,862	1,217,502
Administrative expenses	5,883	6,464
Total deductions	<u>1,232,745</u>	<u>1,223,966</u>
Net increase (decrease)	3,264,766	(1,666,821)
Net assets available for benefits at beginning of year	<u>12,575,855</u>	<u>14,242,676</u>
Net assets available for benefits at end of year	<u><u>\$ 15,840,621</u></u>	<u><u>\$ 12,575,855</u></u>

See accompanying notes.

Sensata Technologies 401(k) Savings Plan

Notes to Financial Statements

December 31, 2009

1. Description of the Plan

The following description of the Sensata Technologies 401(k) Savings Plan (the Plan) provides only general information. Participants should refer to the plan document and summary plan description for a more complete description of the Plan's provisions.

General

The Plan was established on April 27, 2006, in connection with the acquisition of certain assets of the Sensors and Controls business of Texas Instruments, Inc. (TI) by Sensata Technologies, Inc. (Sensata Technologies or the Company).

The Plan is a defined contribution plan under Section 401(k) of the Internal Revenue Code (the Code), and is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Participation in the Plan is limited to employees at all U.S. locations who participated in the TI 401(k) Savings Plan immediately prior to April 27, 2006, did not terminate employment with TI prior to April 27, 2006, and were participating in the Sensata Technologies Employees Pension Plan on April 27, 2006.

Contributions

Employees who meet the eligibility requirements are eligible to contribute up to 75% of their eligible earnings on a pretax basis, within the limits prescribed by Section 401(k) of the Code. Participants' contributions are recorded each pay period when Sensata Technologies makes payroll deductions from participants' wages. Participants may also contribute amounts representing distributions from other qualified retirement plans or similar arrangements.

Participants who are at least age 50, or who will reach age 50 during the year, are allowed to make additional employee pretax contributions (catch-up contributions) above the otherwise applicable limits. In accordance with limits under the federal tax laws, catch-up contributions cannot exceed \$5,500 and \$5,000 in 2009 and 2008, respectively. After that, the limit may be adjusted from time to time, by the Secretary of the Treasury, to reflect inflation. Catch-up contributions will not be eligible for Company matching contributions.

Sensata Technologies 401(k) Savings Plan

Notes to Financial Statements (continued)

1. Description of the Plan (continued)

Participants direct their elective contributions into various investment options offered by the Plan, and can change their investment options on a daily basis.

Sensata Technologies matches \$0.50 for every \$1.00 of each participant's pretax contributions, up to a maximum match of 2% of eligible earnings. The Company's contributions are allocated in the same manner as that of the participant's elective contributions.

Effective January 1, 2009, the Plan was amended to state that the Company's match is an annual discretionary match.

Payment of Benefits

Employees are permitted to withdraw funds from their accounts upon attaining the age of 59 ½, or upon in-service disability. A withdrawal can be paid as a direct rollover or as a lump-sum cash payment.

Additionally, employees are permitted a distribution from their accounts upon normal retirement, disability termination, death, and termination. The participant or beneficiary will receive a lump-sum cash payment of the participant's full account balance.

Vesting

Participants are automatically fully vested in all contributions made to the Plan.

Unallocated assets

As of December 31, 2009, amounts not allocated to participant accounts in the Plan totaled \$118,481.

Participant Accounts

A separate account is maintained for each participant, and is increased by the participant's contributions, the Company's matching contributions, and plan income, and decreased by plan losses, benefit payments, and administrative expenses. Accounts are also reduced for brokerage account fees for those participants with a brokerage account. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Sensata Technologies 401(k) Savings Plan

Notes to Financial Statements (continued)

1. Description of the Plan (continued)

Participant Loans

Participants may borrow from their accounts, in increments of \$5,000, up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. Loan terms range from one to five years, or up to 15 years for the purchase of a primary residence. The \$50,000 limit is reduced by the participant's highest outstanding loan balance during the preceding 12-month period. A participant may not have more than two loans outstanding at any point in time. The loans bear interest at the Wall Street Journal Prime Rate plus 1% as of the day the loan is requested. Principal and interest is paid ratably through monthly payroll deductions. If a participant terminates employment with the Company, the loan must be paid in full. If it is not repaid, it will automatically be treated as a distribution to the participant.

Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time, and to terminate the Plan subject to the provisions of ERISA.

2. Summary of Significant Accounting Policies

Basis of Accounting

The financial statements have been prepared on the accrual basis of accounting.

Investment Valuation and Income Recognition

Investments held by the Plan are stated at fair value. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (i.e., an exit price). See Note 4 for further discussion of fair value measurements.

Self-directed brokerage accounts are primarily comprised of common stocks. Securities traded on a national securities exchange are valued at the last reported sales price on the last business day of the plan year. Investments in mutual funds are valued based on the publicly quoted closing net asset values. Investments in common collective trusts are valued based on the net asset value per share (or its equivalent). Money market funds are stated at cost, which approximates fair value. Participant loans are valued at their outstanding balances, which approximate fair value.

Sensata Technologies 401(k) Savings Plan

Notes to Financial Statements (continued)

2. Summary of Significant Accounting Policies (continued)

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded as earned on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation (depreciation) in fair value of investments includes the Plan's gains and losses on investments bought and sold, as well as held, during the year.

The Putnam Stable Value Fund invests in fully benefit-responsive investment contracts. These investment contracts are recorded at fair value (see Note 4); however, since these contracts are fully benefit-responsive, an adjustment is reflected in the statements of net assets available for benefits to present these investments at contract value. Contract value is the relevant measurement attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. The contract value represents contributions plus earnings, less participant withdrawals and administrative expenses.

Administrative Expenses

Certain Plan expenses, including participant loan fees and self-directed brokerage account fees, are paid by participants. All other administrative expenses are paid by the Company.

Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates that affect the reported amounts of assets and liabilities, and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

New Accounting Pronouncements

In June 2009, the Financial Accounting Standards Board (FASB) issued Statement of Financial Accounting Standards (SFAS) No. 168, *The FASB Accounting Standards Codification and the Hierarchy of Generally Accepted Accounting Principles (codified within ASC Topic 105, Generally Accepted Accounting Principles)*, which establishes the FASB Accounting Standards Codification (ASC) as the single source of authoritative U.S. generally accepted accounting principles. The Codification supersedes all previous non-SEC accounting and reporting standards. The Plan adopted SFAS No. 168 effective January 1, 2009, and has conformed all references to accounting literature in this report to the appropriate reference within the Codification. All new authoritative guidance is issued in the form of ASC Updates.

Sensata Technologies 401(k) Savings Plan

Notes to Financial Statements (continued)

2. Summary of Significant Accounting Policies (continued)

In April 2009, the FASB issued FASB Staff Position (FSP) 157-4, *Determining Fair Value When the Volume and Level of Activity for the Asset or Liability Have Significantly Decreased and Identifying Transactions That Are Not Orderly*. FSP 157-4 amended SFAS No. 157 (codified as ASC 820) to provide additional guidance on estimating fair value when the volume and level of activity for an asset or liability have significantly decreased in relation to its normal market activity. FSP 157-4 also provided additional guidance on circumstances that may indicate that a transaction is not orderly and on defining major categories of debt and equity securities to comply with the disclosure requirements of ASC 820. The Plan adopted the guidance in FSP 157-4 for the reporting period ended December 31, 2009. Adoption of FSP 157-4 did not have a material effect on the Plan's net assets available for benefits or its changes in net assets available for benefits.

In May 2009, the FASB issued SFAS No. 165, *Subsequent Events*, which was codified into ASC 855, *Subsequent Events*, to provide general standards of accounting for and disclosure of events that occur after the balance sheet date, but before financial statements are issued or are available to be issued. ASC 855 was amended in February 2010. The Plan has adopted ASC 855, as amended.

In January 2010, the FASB issued Accounting Standards Update (ASU) 2010-06, *Improving Disclosures about Fair Value Measurements*. ASU 2010-06 amends ASC Topic 820, *Fair Value Measurement and Disclosures* ("ASC 820") to require a number of additional disclosures regarding fair value measurements. In addition to the new disclosure requirements, ASU 2010-06 also amends ASC 820 to clarify that reporting entities are required to provide fair value measurement disclosures for each class of assets and liabilities. Prior to the issuance of ASU 2010-06, the guidance in ASC 820 required separate fair value disclosures for each major category of assets and liabilities. ASU 2010-06 also clarifies the requirement for entities to disclose information about both the valuation techniques and inputs used in estimating Level 2 and Level 3 fair value measurements. Except for the requirement to disclose information about purchases, sales, issuance and settlements in the reconciliation of recurring Level 3 measurements on a gross basis, all of the provisions of ASU 2010-06 are effective for interim and annual reporting periods beginning after December 15, 2009, or January 1, 2010 for the Plan. The requirement to separately disclose purchases, sales, issuances and settlements of recurring Level 3 measurements does not become effective until fiscal years beginning after December 15, 2010, or January 1, 2011 for the Plan. The Plan's management does not expect its adoption to have a material effect on its net assets available for benefits.

Sensata Technologies 401(k) Savings Plan

Notes to Financial Statements (continued)

2. Summary of Significant Accounting Policies (continued)

Subsequent Events

Management evaluated subsequent events for the Plan through September 15, 2010, the date the financial statements were available to be issued.

3. Investments

Other than the fair value of the Putnam Stable Value Fund and the adjustment from fair value to contract value for fully benefit-responsive investment contracts, all investment information disclosed in the accompanying financial statements and supplemental schedule, including investments held at December 31, 2009 and 2008, and net appreciation (depreciation) in fair value of investments, interest, and dividends for the years ended December 31, 2009 and 2008, was obtained or derived from information provided to the plan administrator and certified as complete and accurate by Mercer Trust Company, the trustee of the Plan. The contract value of the Putnam Stable Value Fund was certified as complete and accurate by the trustee.

The fair value of individual investments that represents 5% or more of the fair value of the Plan's net assets available for benefits is as follows:

	December 31	
	2009	2008
Putnam Stable Value Fund *	\$ 4,892,116	\$ 4,356,596
American Funds Growth Fund of America	2,306,375	1,498,251
Putnam Equity Income Fund	1,905,525	1,309,327
Putnam Income Fund	1,397,813	888,824
Loomis Sayles Bond Fund	1,225,292	719,369
Putnam International Equity Fund	999,533	765,486

* Contract value of \$4,689,290 and \$4,651,230 at December 31, 2009 and 2008, respectively.

Sensata Technologies 401(k) Savings Plan

Notes to Financial Statements (continued)

3. Investments (continued)

During the years ended December 31, 2009 and 2008, the Plan's investments (including gains and losses on investments bought and sold, as well as held, during the year) appreciated (depreciated) in fair value as follows:

	December 31	
	2009	2008
Mutual funds	\$ 2,292,291	\$ (3,803,442)
Common collective trust funds	11,206	—
Common stocks	84,498	(288,738)
	<u>\$ 2,387,995</u>	<u>\$ (4,092,180)</u>

The common stock appreciation (depreciation) noted above is related to investments made through participant directed brokerage accounts. The fair value of common stocks was \$300,472 and \$215,974 as of December 31, 2009 and 2008, respectively.

4. Fair Value Measurements

ASC 820, *Fair Value Measurements and Disclosures*, defines fair value, establishes a framework for measuring fair value, and expands disclosures about fair value measurements. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (i.e., an exit price). ASC 820 includes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets and liabilities (Level 1), and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under ASC 820 are described below:

Level 1 – Fair value is based on unadjusted quoted prices for identical assets or liabilities in an active market that the Plan has the ability to access at the measurement date.

Level 2 – Fair value is based on quoted prices in markets that are not active, quoted prices for similar assets and liabilities in active markets, and inputs that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the asset or liability.

Sensata Technologies 401(k) Savings Plan

Notes to Financial Statements (continued)

4. Fair Value Measurements (continued)

Level 3 – Fair value is based on prices or valuation techniques that require inputs that are both significant to the fair value measurement and unobservable. These inputs reflect management’s judgment about the assumptions that a market participant would use in pricing the investment, and are based on the best available information, some of which may be internally developed.

The level in the fair value hierarchy within which the fair value measurement is classified is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

The following tables set forth by level, within the fair value hierarchy, the Plan’s assets carried at fair value as of December 31, 2009 and 2008, respectively:

Assets at Fair Value as of December 31, 2009				
	Level 1	Level 2	Level 3	Total
Common stocks, mutual funds, and money market fund	\$ 10,433,549	\$ –	\$ –	\$ 10,433,549
Common/collective trust funds	–	4,929,497	–	4,929,497
Participant loans	–	–	492,684	492,684
Total assets at fair value	<u>\$ 10,433,549</u>	<u>\$ 4,929,497</u>	<u>\$ 492,684</u>	<u>\$ 15,855,730</u>

Assets at Fair Value as of December 31, 2008				
	Level 1	Level 2	Level 3	Total
Common stocks, mutual funds, and money market fund	\$ 6,985,398	\$ –	\$ –	\$ 6,985,398
Common/collective trust fund	–	4,356,596	–	4,356,596
Participant loans	–	–	791,693	791,693
Total assets at fair value	<u>\$ 6,985,398</u>	<u>\$ 4,356,596</u>	<u>\$ 791,693</u>	<u>\$ 12,133,687</u>

Sensata Technologies 401(k) Savings Plan

Notes to Financial Statements (continued)

4. Fair Value Measurements (continued)

The following table sets forth a summary of changes in the fair value of the Plan's Level 3 assets for the years ended December 31, 2009 and December 31, 2008:

	December 31	
	2009	2008
	Participant Loans	
Balance at beginning of year	\$ 791,693	\$ 781,394
Purchases, sales, issuances, and settlements (net)	(299,009)	10,299
Balance at end of year	<u>\$ 492,684</u>	<u>\$ 791,693</u>

5. Related Party Transactions

The Plan invests in funds managed by Putnam Investments, an affiliate of Mercer Trust Company. Mercer Trust Company is the trustee as defined by the Plan, and therefore, these transactions qualify as party-in-interest transactions; however, they are exempt from the prohibited transaction rules under ERISA.

6. Risks and Uncertainties

The Plan and its participants invest in various investment securities. Investment securities are exposed to various risks such as interest rate, market volatility, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term, and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

7. Income Tax Status

The Plan has received a determination letter from the Internal Revenue Service (IRS) dated October 2, 2008, stating that the Plan is qualified under Section 401(a) of the Code, and therefore, the related trust is exempt from taxation. Subsequent to this determination by the IRS, the Plan was amended and restated. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualified status. The plan administrator believes the Plan is being operated in compliance with the applicable requirements of the Code, and therefore, believes that the Plan, as amended and restated, is qualified, and the related trust is tax exempt.

Sensata Technologies 401(k) Savings Plan

Notes to Financial Statements (continued)

8. Reconciliation of Financial Statements to Form 5500

The following is a reconciliation of net assets available for benefits per the financial statements to Form 5500:

	December 31	
	2009	2008
Net assets available for benefits, per financial statements	\$ 15,840,621	\$ 12,575,855
Adjustment from contract value to fair value for fully benefit-responsive investment contracts	202,826	(294,634)
Net assets available for benefits, per Form 5500	<u>\$ 16,043,447</u>	<u>\$ 12,281,221</u>

Supplemental Schedule

Sensata Technologies 401(k) Savings Plan

Schedule H, Line 4i – Schedule of Assets (Held at End of Year)

EIN #20-4297839 Plan #002

December 31, 2009

Identity of Issuer, Borrower, Lessor, or Similar Party	Description of Investment	Current Value
Mutual funds:		
American Funds Growth Fund of America	85,074.708 shares	\$ 2,306,375
Putnam Equity Income Fund*	140,112.134 shares	1,905,525
Putnam Income Fund*	210,197.448 shares	1,397,813
Loomis Sayles Bond Fund	92,196.548 shares	1,225,292
Putnam International Equity Fund*	53,796.193 shares	999,533
Lazard Emerging Markets Equity Fund	25,913.448 shares	473,698
Harbor International Fund	8,115.857 shares	441,421
Morgan Stanley Institutional Mid Cap Growth Fund	12,858.057 shares	351,154
American Century Investments Mid Cap Value Fund	29,941.174 shares	321,269
Van Kampen Small Cap Growth Fund	31,167.208 shares	278,947
Columbia Small Cap Value II Fund	24,893.899 shares	273,584
American Funds American Balanced Fund	5,884.169 shares	95,265
Thornburg Value Fund	1,302.893 shares	41,119
		<u>10,110,995</u>
Common collective trust funds:		
Putnam Stable Value Fund*	4,689,290.110 shares	4,892,116
Putnam S&P 500 Index Fund*	1,208.962 shares	37,381
		<u>4,929,497</u>
Self-Directed Brokerage Securities	–	300,472
Federated Prime Money Market Fund	22,081.720 shares	22,082
	Varying maturities with interest rates of 4.25% to 9.25%	492,684
Participant loans*		<u>\$ 15,855,730</u>

*Indicates party-in-interest to the Plan.

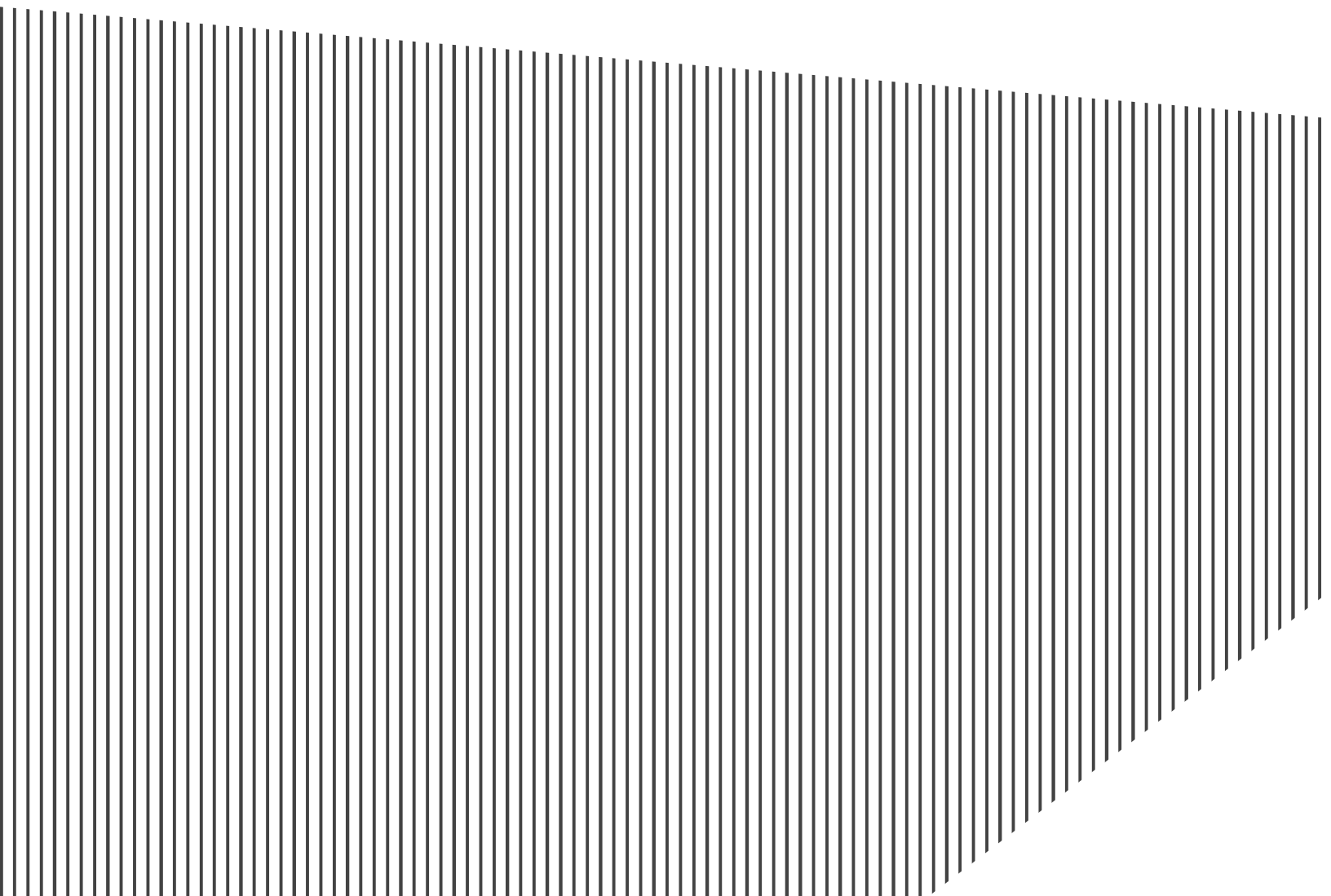
Note: Cost information has not been included because all investments are participant directed.

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Attachment to 2009 Form 5500
Schedule H, line 4i - Schedule of Assets (Held at End of Year)

Plan Name SENSATA TECHNOLOGIES 401(K) SAVINGS PLAN

EIN: 20-4297839

Plan Sponsor's Name SENSATA TECHNOLOGIES, INC.

PN: 002

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value.	(d) Cost	(e) Current value
	BROKERAGE SECURITIES	SELF DIRECTED BROKERAGE ACCOUNT		300,472
	FEDERATED MONEY MARKET	MUTUAL FUND		22,082
	HARBOR CAPITAL INTERN'L FUND	MUTUAL FUND		441,421
	MSIF MID CAP GROWTH	MUTUAL FUND		351,154
	LAZARD EMERGING MARKETS PORT	MUTUAL FUND		473,698
	COLUMBIA SMALL CAP VALUE FUND	MUTUAL FUND		273,584
	AMERICAN FDS BALANCED FD	MUTUAL FUND		95,265

Attachment to 2009 Form 5500
Schedule H, line 4i - Schedule of Assets (Held at End of Year)

Plan Name SENSATA TECHNOLOGIES 401(K) SAVINGS PLAN

EIN: 20-4297839

Plan Sponsor's Name SENSATA TECHNOLOGIES, INC.

PN: 002

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value.	(d) Cost	(e) Current value
	AMERICAN FDS GRT FD OF AMERICA	MUTUAL FUND		2,306,375
	THORNBURG VALUE FUND	MUTUAL FUND		41,119
	AMERICAN CENTURY INVSTMNTS	MID CAP FUND		321,269
	VAN KAMPEN SML CAP GROWTH F	MUTUAL FUND		278,947
	LOOMIS SAYLES BOND FUND	MUTUAL FUND		1,225,292
	PUTNAM INCOME FUND	MUTUAL FUND		1,397,813
	PUTNAM S & P 500 INDEX FUND	COMMON/COLLECTIVE TRUST		37,381

Attachment to 2009 Form 5500
Schedule H, line 4i - Schedule of Assets (Held at End of Year)

Plan Name SENSATA TECHNOLOGIES 401(K) SAVINGS PLAN

EIN: 20-4297839

Plan Sponsor's Name SENSATA TECHNOLOGIES, INC.

PN: 002

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value.	(d) Cost	(e) Current value
	PUTNAM INTERN'L EQUITY FUND	MUTUAL FUND		999,533
	LOAN FUND	PARTICIPANT LOANS		492,684
	PUTNAM STABLE VALUE FUND	COMMON/COLLECTIVE TRUST		4,892,116
	PUTNAM EQUITY INCOME FUND	MUTUAL FUND		1,905,525