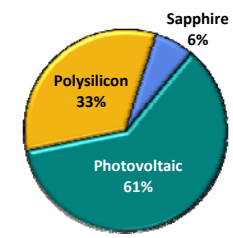


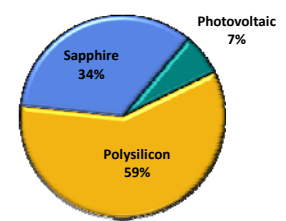
Investor Financial Summary

(dollars in millions)	Q1 CY10	Q2 CY10	Q3 CY10	Q4 CY10	Q1 CY11	Q2 CY11	Q3 CY11	Q4 CY11	Q1 CY12	Q2 CY12	Q3 CY12	CY2010	CY2011	YTD CY2012
Revenue by Segment	\$ 195	\$ 135	\$ 229	\$ 263	\$ 272	\$ 231	\$ 218	\$ 153	\$ 354	\$ 167	\$ 110	\$ 822	\$ 873	\$ 631
Photovoltaic (PV)	\$ 64	\$ 111	\$ 203	\$ 240	\$ 186	\$ 199	\$ 111	\$ 34	\$ 31	\$ 9	\$ 2	\$ 618	\$ 530	\$ 42
Polysilicon	\$ 131	\$ 24	\$ 23	\$ 17	\$ 79	\$ 24	\$ 98	\$ 87	\$ 154	\$ 122	\$ 96	\$ 195	\$ 289	\$ 371
Sapphire	\$ -	\$ -	\$ 3	\$ 6	\$ 6	\$ 9	\$ 8	\$ 31	\$ 169	\$ 36	\$ 13	\$ 9	\$ 55	\$ 218
Revenue by Geography	\$ 195	\$ 135	\$ 229	\$ 263	\$ 272	\$ 231	\$ 218	\$ 153	\$ 354	\$ 167	\$ 110	\$ 822	\$ 873	\$ 631
Asia	\$ 190	\$ 87	\$ 224	\$ 257	\$ 267	\$ 226	\$ 187	\$ 149	\$ 348	\$ 164	\$ 106	\$ 758	\$ 829	\$ 618
U.S.	\$ (1)	\$ 1	\$ 4	\$ 2	\$ 3	\$ 4	\$ 2	\$ 2	\$ 3	\$ 2	\$ 2	\$ 6	\$ 11	\$ 7
Europe/ROW	\$ 5	\$ 47	\$ 2	\$ 4	\$ 2	\$ 1	\$ 28	\$ 1	\$ 3	\$ 1	\$ 2	\$ 58	\$ 33	\$ 6
Gross Profit	\$ 73	\$ 46	\$ 93	\$ 122	\$ 117	\$ 113	\$ 95	\$ 66	\$ 152	\$ 60	\$ 35	\$ 334	\$ 391	\$ 248
Gross Margin %	38%	34%	41%	46%	43%	49%	44%	43%	43%	36%	32%	41%	45%	39%
Photovoltaic	39%	33%	40%	47%	45%	52%	46%	38%	53%	12%	-213%	41%	47%	34%
Polysilicon	37%	39%	50%	40%	41%	41%	43%	46%	43%	39%	37%	39%	43%	40%
Sapphire			31%	41%	3%	13%	18%	42%	42%	31%	26%	37%	29%	39%
Operating Expenses	\$ 18	\$ 19	\$ 24	\$ 27	\$ 34	\$ 35	\$ 41	\$ 34	\$ 36	\$ 36	\$ 30	\$ 88	\$ 144	\$ 102
Research and Development	\$ 5	\$ 4	\$ 5	\$ 7	\$ 8	\$ 11	\$ 10	\$ 13	\$ 15	\$ 14	\$ 19	\$ 21	\$ 43	\$ 48
Sales and Marketing	\$ 2	\$ 4	\$ 5	\$ 4	\$ 6	\$ 6	\$ 7	\$ 4	\$ 3	\$ 4	\$ 3	\$ 16	\$ 23	\$ 10
General and Administrative	\$ 10	\$ 11	\$ 14	\$ 16	\$ 20	\$ 17	\$ 24	\$ 17	\$ 18	\$ 18	\$ 8	\$ 52	\$ 78	\$ 44
Operating Income	\$ 55	\$ 27	\$ 69	\$ 95	\$ 83	\$ 79	\$ 54	\$ 32	\$ 116	\$ 25	\$ 5	\$ 246	\$ 247	\$ 146
Net Income	\$ 33	\$ 16	\$ 43	\$ 64	\$ 52	\$ 52	\$ 37	\$ 15	\$ 79	\$ 15	\$ 2	\$ 156	\$ 156	\$ 96
Earnings per Share (Diluted)	\$ 0.23	\$ 0.11	\$ 0.28	\$ 0.46	\$ 0.41	\$ 0.41	\$ 0.29	\$ 0.12	\$ 0.65	\$ 0.12	\$ 0.02	\$ 1.08	\$ 1.21	\$ 0.80
Non-GAAP EPS*	*	\$ 0.12	\$ 0.30	\$ 0.48	\$ 0.43	\$ 0.44	\$ 0.35	\$ 0.19	\$ 0.71	\$ 0.16	\$ 0.01	*	\$ 1.41	\$ 0.88

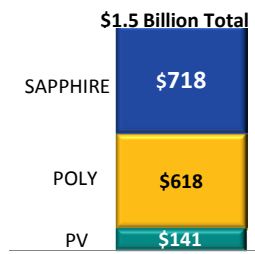
CY 2011 Revenue Mix



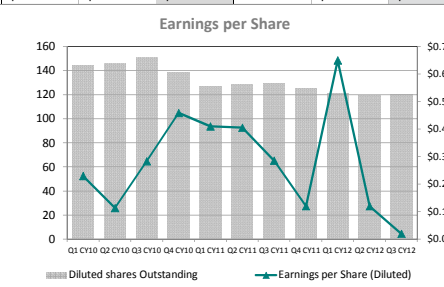
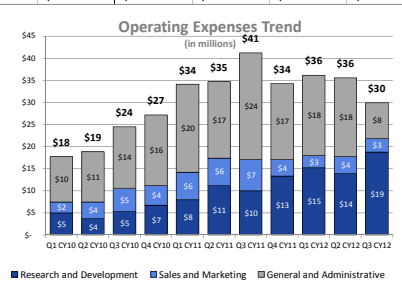
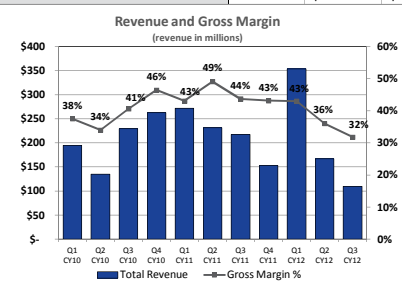
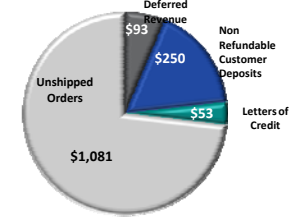
YTD CY 2012 Revenue Mix



Q3 CY 2012 Backlog (in millions)



Q3 CY 2012 Backlog: \$1.5 Billion (in millions)



*Company started reporting non-GAAP EPS in CY2012. Company has provided prior period non-GAAP EPS for comparative purposes. Please refer to the GAAP to non-GAAP reconciliation on page 3.
 -Certain amounts in the table above may not sum or recalculate due to rounding of individual components



Investor Financial Summary

(dollars in millions)	Q1 CY10	Q2 CY10	Q3 CY10	Q4 CY10	Q1 CY11	Q2 CY11	Q3 CY11	Q4 CY11	Q1 CY12	Q2 CY12	Q3 CY12
Cash, Cash Equivalents, Restricted Cash & Short-Term Investments	\$ 251	\$ 276	\$ 294	\$ 320	\$ 363	\$ 473	\$ 494	\$ 303	\$ 351	\$ 332	\$ 479
- Restricted Cash	\$ -	\$ -	\$ 35	\$ -	\$ -	\$ -	\$ 10	\$ 96	\$ -	\$ -	\$ -
Non-Restricted Cash, Cash Equivalents & Short-Term Investments	\$ 251	\$ 276	\$ 260	\$ 320	\$ 363	\$ 473	\$ 484	\$ 207	\$ 351	\$ 332	\$ 479
Debt & Convertible Notes	\$ -	\$ -	\$ -	\$ 125	\$ 120	\$ 96	\$ 91	\$ -	\$ 75	\$ 145	\$ 298
Non-Restricted Cash, Cash Equivalents & Short-Term Investments, net of debt	\$ 251	\$ 276	\$ 260	\$ 195	\$ 242	\$ 378	\$ 393	\$ 207	\$ 276	\$ 187	\$ 181
Vendor Advances	\$ 17	\$ 29	\$ 37	\$ 18	\$ 20	\$ 25	\$ 35	\$ 55	\$ 85	\$ 84	\$ 100
Customer Deposits	\$ 120	\$ 139	\$ 195	\$ 166	\$ 144	\$ 264	\$ 301	\$ 308	\$ 334	\$ 274	\$ 252
Deferred Revenue ST & LT	\$ 334	\$ 321	\$ 297	\$ 388	\$ 446	\$ 396	\$ 461	\$ 431	\$ 196	\$ 149	\$ 93
Deferred COGS ST & LT	\$ 198	\$ 183	\$ 165	\$ 220	\$ 255	\$ 229	\$ 247	\$ 230	\$ 101	\$ 72	\$ 41
Capital Expenditures	\$ 2	\$ 1	\$ 3	\$ 6	\$ 21	\$ 9	\$ 9	\$ 16	\$ 14	\$ 15	\$ 7
Accounts Receivable	\$ 53	\$ 37	\$ 72	\$ 100	\$ 87	\$ 55	\$ 68	\$ 51	\$ 66	\$ 41	\$ 11
Inventory	\$ 69	\$ 81	\$ 114	\$ 120	\$ 128	\$ 162	\$ 156	\$ 199	\$ 193	\$ 203	\$ 216
Accounts Payable	\$ 22	\$ 31	\$ 42	\$ 76	\$ 63	\$ 40	\$ 52	\$ 70	\$ 34	\$ 51	\$ 44

Metrics

ROIC (TTM)	49%	49%	46%	111%	87%	80%	67%	63%	55%	42%	28%
ROE (TTM)	67%	66%	67%	110%	92%	92%	70%	81%	69%	48%	32%
ROA (TTM)	14%	15%	20%	24%	25%	28%	24%	19%	22%	18%	12%
DIO (TTM)	97	78	79	73	69	81	92	121	111	128	145
DSO (TTM)	37	34	24	31	28	17	26	32	29	20	19
DPO (TTM)	41	27	23	34	30	24	32	55	34	32	37
Cash Conversion Cycle (TTM)	93	85	80	71	67	74	86	97	106	116	126
Inventory Turns	7.1	4.4	4.8	4.7	4.9	2.9	3.1	1.8	4.2	2.1	1.4
Inventory DOH	82	84	85	66	75	126	116	208	87	173	263

Notes

-Certain amounts in the table above may not sum or recalculate due to rounding

Defintion/Formulas

TTM = Trailing 12 Months

ROIC: Return on Invested Capital = (TTM Net Income)/Total Capital

ROE: Return on Equity = (TTM Net Income)/(TTM avg. shareholder equity)

ROA: Return on Assets = (TTM Net Income)/(TTM avg. total assets)

DIO: Days Inventory Outstanding = (TTM avg. inventory)/(TTM cost of sales per day)

DSO: Days Sales Outstanding = (TTM avg. A/R)/(TTM sales per day)

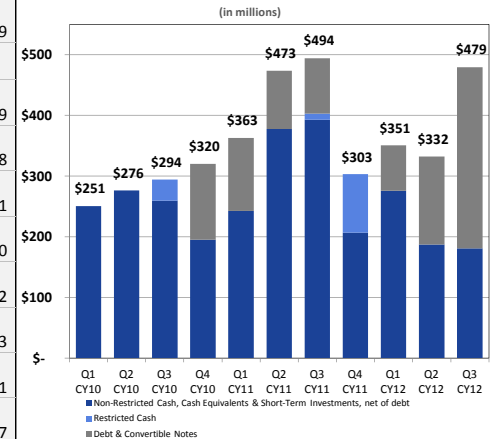
DPO: Days Payable Outstanding = (TTM avg. A/P)/(TTM cost of sales per day)

Cash Conversion Cycle: (DIO + DSO - DPO)

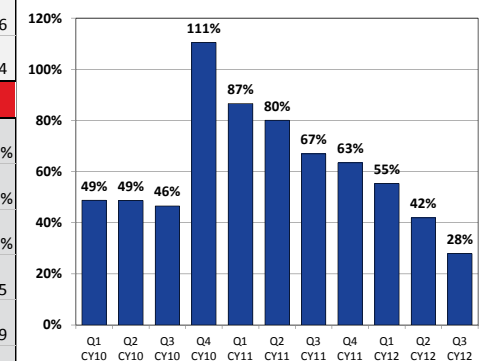
Inventory Turns: (Current Period COGS x 4)/(Current Period Inventory Balance)

Inventory DOH: Inventory Days on Hand = (365/inventory turns)

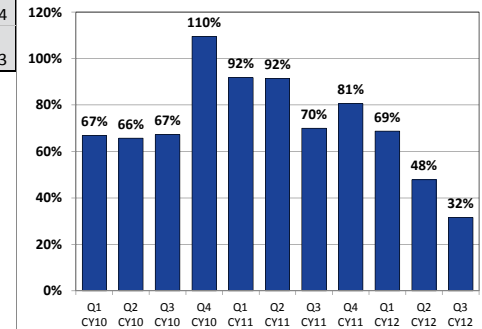
Cash, Cash Equivalents, Restricted Cash & Short-Term Investments



Return on Invested Capital (TTM)



Return on Equity (TTM)



Non-GAAP Financial Measures

GT Advanced Technologies Inc.
Reconciliation of GAAP to non-GAAP results
(In thousands, except per share data)
(Unaudited)

	Three Months Ended									Nine Months	Twelve	
	Jul 3,	Oct 2,	Jan 1,	Apr 2,	Jul 2,	Oct 1,	Dec 31,	Mar 31,	Jun 30,	Sept 29,	Ended	Months Ended
	2010	2010	2011	2011	2011	2011	2011	2012	2012	2012	Sept 29,	Dec 31,
Non-GAAP Net Income & Earnings per Share												
Net income	\$16,498	\$42,779	\$63,584	\$51,894	\$52,069	\$36,915	\$15,340	\$79,073	\$14,757	\$2,344	\$96,174	\$156,218
Non-GAAP adjustments:												
Amortization of acquired intangible assets	791	866	1,865	978	1,070	1,760	2,822	2,546	2,547	2,538	7,631	6,630
Stock-based compensation	1,548	2,353	1,761	2,562	3,120	3,776	3,660	4,171	4,103	4,818	13,092	13,118
Third party acquisition related expenses	-	735	50	114	130	3,090	240	223	246	136	605	3,574
Contingent consideration	-	343	657	1,262	680	2,787	464	527	155	(9,943)	(9,261)	5,193
Non-cash portion of interest expense	90	389	83	525	2,214	843	6,360	177	238	342	757	9,942
Income tax effect of non-GAAP adjustments (1)	(832)	(2,316)	(1,845)	(1,801)	(2,662)	(3,399)	(5,127)	(742)	(2,710)	457	(2,995)	(12,989)
Non-GAAP net income	<u>\$18,095</u>	<u>\$45,149</u>	<u>\$66,155</u>	<u>\$55,534</u>	<u>\$56,621</u>	<u>\$45,772</u>	<u>\$23,759</u>	<u>\$85,975</u>	<u>\$19,336</u>	<u>\$692</u>	<u>\$106,003</u>	<u>\$181,686</u>
Non-GAAP earnings per diluted share ("Non-GAAP EPS")	<u>\$0.12</u>	<u>\$0.30</u>	<u>\$0.48</u>	<u>\$0.43</u>	<u>\$0.44</u>	<u>\$0.35</u>	<u>\$0.19</u>	<u>\$0.71</u>	<u>\$0.16</u>	<u>\$0.01</u>	<u>\$0.88</u>	<u>\$1.41</u>
Diluted weighted average shares outstanding	145,614	150,845	138,707	127,881	128,561	129,075	124,946	120,738	119,379	119,874	120,126	128,680

(1) The Company utilized the with and without method to determine the income tax effect on non-GAAP adjustments.

Use of Non-GAAP Financial Measures

In addition to providing financial measurements based on generally accepted accounting principles in the United States of America (GAAP), GT Advanced Technologies is providing additional financial metrics that are not prepared in accordance with GAAP (non-GAAP). We believe that the inclusion of these non-GAAP financial measures helps investors to gain a meaningful understanding of our past performance and future prospects, consistent with how management measures and forecasts company performance, especially when comparing such results to previous periods or forecasts. Our management uses these non-GAAP measures, in addition to GAAP financial measures, as the basis for measuring our core operating performance and comparing our performance to prior periods and to the performance of our competitors. Management also uses these measures in its financial and operational decision-making.

We define "non-GAAP net income" as GAAP net income excluding share-based compensation expense, contingent consideration, amortization of acquired intangible assets, acquisition and acquisition related expenses, and the non-cash portion of interest expense. We consider non-GAAP net income to be an important indicator of our operational strength and performance of our business because it eliminates the effects of events that are not part of the Company's core operations.

We define "non-GAAP earnings per share on a fully-diluted basis" as our non-GAAP net income divided by our weighted average shares outstanding on a fully-diluted basis.