AVX CORP Form 11-K June 29, 2007

#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

### FORM 11-K

#### [X]ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2006

OR

[ ]TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the transition period from \_\_\_\_\_\_ to \_\_\_\_\_\_

Commission file number: 1-7201

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

#### AVX 401(k) PLAN

Plan number: 007

B. Name of the issuer of the securities held pursuant to the plan and the address of its principal executive office:

AVX CORPORATION P.O. Box 867 Myrtle Beach, SC 29577-0867 IRS Employer Identification Number: 33-0379007

# AVX 401(k) PLAN

#### INDEX

	Page
Report of Independent Registered Public Accounting Firm	2
Statements of Net Assets Available for Benefits as of December 31, 2005 and 2006	3
Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2006	4
Notes to Financial Statements	5-11
Signature	12
Schedule of Assets (Held at End of Year)*	13
Schedule of Reportable Transactions *	14
Exhibit: 23.1 Consent of Grant Thornton LLP	

\* All other schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA have been omitted because they are not applicable. -1-

### REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Participants and Administrator of the AVX 401(k) Plan

We have audited the accompanying statements of net assets available for benefits of the **AVX 401(k) Plan** (the Plan) as of December 31, 2006 and 2005, and the related statement of changes in net assets available for benefits for the year ended December 31, 2006. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Plan is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2006 and 2005, and the changes in its net assets available for benefits for the year ended December 31, 2006 in conformity with accounting principals generally accepted in the United States of America.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as whole. The accompanying schedules of assets (held at end of year) and reportable transactions are presented for purposes of additional analysis and are not a required part of the basic financial statements, but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. These supplemental schedules are the responsibility of the Plan's management. The supplemental schedules have been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, are fairly stated in all material respects in relation to the basic financial statements taken as a whole.

#### /s/ GRANT THORNTON LLP

Columbia, South Carolina June 29, 2007

### AVX 401(k) PLAN STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS As of December 31, 2005 and 2006

		2005	2006
ASSETS:			
	Investments, at fair value:		
	AVX Corporation Common		
	Stock	\$ 2,905,644	\$ 2,881,905
	Kyocera Corporation		
	American Depository Shares	2,275,163	2,800,014
	Money Market Fund	3,059,524	3,594,493
	Mutual Funds	5,738,901	9,637,107
	Participant loans	1,226,532	1,339,260
	Subtotal	15,205,764	20,252,779
	Interest in Master Trust	2,715,864	
	Total Investments	17,921,628	20,252,779
	Receivables:		
	Employer contributions	154,708	15,118
	Employer contributions		20,055
	Miscellaneous receivable	833	20,022
	Total Receivables	155,541	35,173
	Total Assets	18,077,169	20,287,952
Liabilities			
	Payable:		
	Administrative Fees	8,110	
	Total Liabilities	8,110	
	Net assets available for benefits	\$18,069,059	\$20,287,952

The accompanying notes are an integral part of these financial statements.

-3-

### AVX 401(k) PLAN STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS For the year ended December 31, 2006

Additions:	2006
Investment income:	
Net appreciation in fair value of	
investments	\$ 1,574,496
Interest and dividends	431,056
Net investment gain from interest	
in Master Trust	37,604
Net investment income	2,043,156
Contributions:	
Participant	1,158,732
Employer	568,831
Total contributions	1,727,563
Total additions	3,770,719
Deductions:	
Benefits paid to participants	1,472,013
Transfers out of Plan	66,711
Administrative expenses	13,102
Total deductions	1,551,826
Net increase	2,218,893
Net assets available for benefits: Beginning of year End of year	18,069,059 \$20,287,952

The accompanying notes are an integral part of this financial statement.

-4-

5

### AVX 401(k) PLAN NOTES TO FINANCIAL STATEMENTS

#### 1. Description of Plan:

The following is a brief description of the AVX 401(k) Plan (the "Plan"). Participants should refer to the Plan document for more complete information.

#### General:

The Plan is a defined contribution plan covering full-time hourly-paid employees of AVX Corporation (the "Company") at the Myrtle Beach, Conway, Colorado Springs, Atlanta, Biddeford, and Olean facilities who have at least three months of service (Myrtle Beach, Conway and Colorado Springs have an enrollment period of January or July after 6 months of employment). The Plan is administered by the AVX Corporation Retirement Committee and is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"). Plan assets are held in trust by New York Life Investment Management, LLC, (the "Trustee").

#### Contributions:

Participant contributions are limited to the lesser of twenty-five percent (25%) of each participant's annual compensation or \$15,000. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions.

The Company makes weekly employer matching contributions in an amount equal to sixty-six and two-thirds percent (66-2/3%) of the employees contribution, up to three percent(3%) of the participant's compensation for Olean, Colorado Springs, Atlanta and Biddeford. For the Myrtle Beach and Conway facilities, the Company makes weekly employer matching contributions up to 3% of the participant's compensation for these two facilities. The employer matching contribution for Biddeford and Atlanta is contributed directly into AVX Corporation Common Stock; therefore, this amount is considered non-participant directed. The employer matching contribution for Myrtle Beach, Conway, Olean, and Colorado Springs is participant directed.

Annually, the Company makes a fixed contribution of 1% of a participant's compensation for those participants in Colorado Springs. In addition, for participants in Myrtle Beach, the Company makes a fixed contribution of 2% to 3% for certain participants age 60 and over.

Total contributions credited to any participant's account are limited to the lesser of 25% of the participant's annual compensation, as defined in the Plan's provisions, or \$44,000 in accordance with Section 415 of the Internal Revenue Code. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions.

#### Forfeitures:

Amounts of employer fixed contributions under the Plan which have been forfeited and which are available for allocation as of the finalvaluation date in any year are used to pay administrative costs. At December 31, 2005 and 2006, the net forfeited balance that can be used to pay administrative fees totaled \$2,429 and \$6,483, respectively. Throughout the year ended December 31, 2006, the forfeitures used to pay administrative costs were \$5,516.

### Participant Accounts:

Each participant's account is credited with the participant's contribution and allocations of the Company's contribution and Plan earnings and charged with an allocation of administrative expenses. Allocations are based on participant compensation or account balances, as defined in the Plan document. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

#### Vesting:

After five years of vesting service, participants become fully vested in Company fixed contributions. All employee contributions are fully vested at all times.

For the Atlanta, Biddeford, Myrtle Beach, Conway and Olean facilities, the Company match is 100% vested when the contribution is made. Amounts attributable to the Company's matching contributions for Colorado Springs are vested according to the following table:

	Vesting Percentage
	Company
	Matching
Years of Service	Colorado Springs
1 Year	20%
2Year	40%
3Year	60%

80%

100%

4 Year

5 Year

### Payment of Benefits:

Upon termination of service due to retirement, disability or death, a participant receives a lump sum cashdistribution equal to the full value of his or her salary reduction contribution account and the vested value of his or her employer matching contribution account. A participant may also elect to take his or her distribution in shares of AVX Corporation Common Stock and/or of Kyocera Corporation American Depository Shares ("ADS"). Amounts attributable to partial shares will be paid in cash. With certain limitations, participants may elect to defer distributions until a later date.

### Participant Loans:

With certain restrictions, participants may borrow up to a maximum of 50% of their vested account balance or \$50,000, whichever is less. These loans are repayable within five years except for borrowing for the purchase of a primary residence, which is repayable during a period up to ten years. These loans bear interest at a rate equal to the commercial loan rate for similar loan types prevailing at the time the loan is originated. At December 31, 2005, interest rates ranged from 6.00% to 10.50% and at December 31, 2006, interest rates ranged from 6.00% to 9.75%. All scheduled loan repayments are made through payroll deductions and early loan repayments may be submitted by participants via certified check or money order. Plan provisions for participants at the Olean facility do not allow for participant loans.

#### Administrative Expenses:

Administrative expenses that are related to union employees are paid from the Plan from the union participant accounts. Those that are not related to Union employees are paid by the Company.

### 2. <u>Summary of Significant Accounting Policies:</u>

### Basis of Accounting:

The financial statements of the Plan are prepared under the accrual method of accounting in accordance with accounting principles generally accepted in the United States of America.

### Use of Estimates:

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that may affect the reported amounts ofcertain assets and liabilities and disclosure of contingencies at the date of the financial statements and the reported amounts of income and expenses during the reporting year. Actual results could differ from those estimates.

#### Valuation of Investments:

Investments are presented at estimated fair values. Investments in securities (ADS and commonstocks) traded on a national securities exchange are valued at the end of each business day based on closing quoted market prices. Temporary cashis invested in the MainStay Cash Reserves Fund. The shares of mutual funds are valued at the net asset value as reported on national securities exchanges at the end of each business day. The investments in Master Trusts, as described in Note 8 herein, were valued based upon the fair market value, as reported on national securities exchanges, of the assets held in the AVX Corporation Master Trust, (the "Master Trust"), divided by the units of participation attributable to the Plan. Participant loans are valued at their outstanding balances, which approximate fair value.

Investments are exposed to various risks, such as interest rate, market and credit. Due to the level of risk associated with certain investment securities and the level of uncertainty related to changes in the value of investment securities, it is at least reasonably possible that changes in risks in the near-term would materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

#### Investment Transactions and Investment Income:

Purchases and sales of securities are reflected on a trade-date basis. Dividend income is recorded on the ex-dividend date. Income from other investments is recorded as earned on an accrual basis.

The Statement of Changes in Net Assets Available for Benefits presents the net appreciation in the fair value of the Plan's investments which consists of the realized gains (losses) and the unrealized appreciation (depreciation) on those investments.

#### Benefit payments:

Benefits are recorded when paid. -7-

#### 3. Investments:

The Trustee invests the Plan's assets according to participant investment elections in the following investment options:

Common Stock

AVX Corporation

American Depository Shares

Kyocera Corporation

Money Market Fund

MainStay Cash Reserves Fund

#### Mutual Funds

T. Rowe Price Spectrum Income Fund (This fund was eliminated as an investment option in July 2003.) Templeton Foreign Fund Janus Balanced Fund Janus Fund MainStay S&P 500 Index Fund Lord Abbett Mid-Cap Value Fund PIMCO Total Return Fund Seligman Large-Cap Value Fund

#### Master Trust

Seligman Equity Portfolio (The Trust was dissolved on March 8, 2006 and all assets were transferred to Seligman Large-Cap Value Fund).

The market values of the following investments represent 5% or more of the Plan's total assets available for benefits for the years ended December 31, 2005 and 2006 respectively:

December 31,	2005	2006
AVX Corporation Common Stock	\$ 2,905,644	\$ 2,881,905
Kyocera Corporation American Depository		
Shares	2,275,163	2,800,014
Investment in Master Trust	2,715,864	*
MainStay Cash Reserves Fund	3,059,524	3,594,493
MainStay S&P 500 Index Fund	*	1,051,626
Templeton Foreign Fund	1,022,842	1,261,028
Janus Fund	1,080,165	1,151,831
Seligman Large-Cap Value Fund	*	3,071,604

\* Amounts were less than 5% of the Plan's total assets available for benefits for the respective year. -8-

During 2006, the Plan's investments (including gains and losses on investments bought and sold, as well as held during the year) appreciated in value as follows:

AVX Corporation	\$
Common Stock	50,303
Kyocera Corporation ADS	664,355
Mutual Funds	859,838
Subtotal	1,574,496
Investment in Master Trust	37,604
Total	\$1,612,100

#### 4. Nonparticipant-Directed Investments:

Information about the net assets and the significant components of the changes in net assets relating to the nonparticipant-directed investments is as follows:

	Dec 2005	cember 31, 2006
Not Associat	2005	2000
Net Assets:	\$200.05V	φ 100 <b>010</b>
AVX Corporation Common	\$300,954	\$109,212
Stock Match Fund		
	Ye	ar Ended
	Dec	ember 31,
		2006
Changes in Net Assets:		
Contributions	\$	59,946
Dividends		1,127
Net appreciation		4,487
Benefits paid to participa	ints	(14,956)
Transfers to	(2	240,779)
participant-directed		
investments		
Other		(1,567)
Total	\$(1	191,742)

#### 5. Plan Termination:

Although it has not expressed any intent to do so, the Company has the right under the Plan todiscontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants will become 100% vested in their accounts.

#### 6. Tax Status:

In January 2002, the Plan received a favorable determination letter from the Internal Revenue Service advising that it constitutes a qualified trust under Section 401(a) of the Internal Revenue Code and is thereby exempt from Federalincome taxes under provisions of Section 501(a). The Plan has been amended since receiving the determination letter. However, the Plan administrator and the Plan's tax counsel believe that the Plan has been operated in compliance with the applicable requirements of the Internal Revenue Code, and therefore, no provision for income taxes has been included in the financial statements.

Participants will not be subject to income tax for contributions made on their behalf by the Company, nor on money earned by the Plan credited to their account until such time as they withdraw their accumulated balance. -9-

#### 7. <u>Related-Party Transactions:</u>

Loans to participants qualified as party-in-interest transactions which are exempt from the prohibited transaction rules.

The Plan allows for investment in shares of Company common stock and in Kyocera Corporation ADS. As of December 31, 2005, the Plan held investments of \$2,905,644 or 200,666 shares of AVX Corporation Common Stock and \$2,275,163 or 31,090 shares of Kyocera Corporation ADS. As of December 31, 2006, the Plan held investments of \$2,881,905 or 194,855 shares of AVX Corporation Common Stock and \$2,800,014 or 29,508 shares of Kyocera Corporation ADS.

#### 8. Interest in Master Trust :

Prior to March 8, 2006, the assets of the Master Trust were invested in Seligman Equity Portfolio, (the "Portfolio"). Assets of the Plan as well as those in the AVX 401(k) Plan that were invested in the Portfolio were commingled. Thus throughout the enclosed financial statements and related notes, the Master Trust and the Seligman Equity Portfolio are collectively referred to as Master Trust investments. The assets of the Portfolio related to the Plan were transferred to the Seligman Large-Cap Value Fund on March 8, 2006. Therefore, at December 31, 2006 there were no assets in the Master Trust, and assets of the Plan are no longer commingled with those of the AVX Retirement Plan.

The Plan's allocated participation in the Master Trust, as well as the individual participants' balances comprising the Plan's participation in the Master Trust, is determined by adding or deducting the participant's allocations to, or withdrawals from, the Master Trust and a proportionate share of the other changes in the Master Trust's net assets (related principally to investment activities), based on the relative interest of the Plan's net assets to the Master Trust's net assets.

The Plan's allocated share of the Master Trust net assets was approximately 14% at December 31, 2005.

At December 31, 2005 the net assets of the Master Trust were composed of the following:

2005
\$ 18,842,393
e
460,530
19,302,923
(24,923)
36,471
\$ 19,314,471

-10-

# 2005

The change in Master Trust net assets for the year ended December 31, 2006 was as follows:

			2006
Additions: No	et appreciation in fair value of investments	\$	269,238
Deductions:			
Tr	ansfer to AVX Corporation Separate Plan		
Tr	rusts	19	9,798,154
In	vestment management expenses		400
	Total deductions	19	9,798,554
	Net decrease from investment		
	activity	(19,	,529,316)
Ex	ccess of fund allocations over fund		
Wi	ithdrawals		214,845
	Net decrease	(19,	,314,471)
Net assets av	ailable for benefits:		
Be	eginning of year	19	9,314,471
Er	nd of year	\$	

The accounting policies of the Master Trust regarding basis of accounting, valuation of investments and investment transactions and investment income are the same as those for the Plan. -11-

#### **SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the Administrative Committee has duly caused this annual report to be signed by the undersigned thereunto duly authorized.

AVX 401(k) PLAN

By: /s/ Kurt P. Cummings K u r t P . Cummings M e m b e r o f R e t i r e m e n t Committee

Date: June 29, 2007

-12-

#### AVX 401(k) PLAN PN 007 EIN 33-0379007 Schedule H, Line 4(i) -Schedule of Assets (Held at End of Year) As of December 31, 2006

(a	) (b)	(c) Description of investment including maturity date, rate of	(d)	(e)
	Identity of issue, borrower, lessor or similar party	interest, collateral, par or maturity value	Cost	Market Value
*	AVX Corporation	Common Stock	\$ 2,607,586	\$ 2,881,905
*	Kyocera Corporation	American Depository Shares	**	2,800,014
	MainStay Cash Reserves Fund	Money Market Fund	**	3,594,493
	T. Rowe Price Spectrum Income Fund Janus Balanced Fund MainStay S&P 500 Index Fund Janus Fund Templeton Foreign Fund Lord Abbett Mid-Cap Value Fund Seligman Large Cap Value Fund PIMCO Total Return Fund	Mututal Fund Mututal Fund Mututal Fund Mututal Fund Mututal Fund Mututal Fund Mututal Fund Mututal Fund	** ** ** ** ** ** ** **	477,882 814,407 1,051,626 1,151,831 1,261,028 850,823 3,071,604 957,906 9,637,107
*	Participant Loans	Interest rates ranging from 6% - 9.75% and maturing through 2010.	**	1,339,260
		Total Investments		\$20,252,779

\* Denotes a party-in-interest.

\*\* Cost information is not required for individual account plans with participant directed transactions.

-13-

# AVX 401(k) PLAN

#### PN 007

### EIN 33-0379007 Schedule H, Line 4(j) -Schedule of Reportable Transactions For the Year Ended December 31, 2006

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
							Current	
					Expense		Value of	
	Description				Incurred		Asset on	
Identity of	of	Purchase	Selling	Lease	with	Cost of	Transaction	Net
Party Involved	investment	Price	Price	Rental	Transaction	Asset	Date	Gain/ (Loss)
Seligman Large	2							
Cap Value		\$						
Fund	Mutual Fund	5,753,935	\$	n/a		\$ 5,753,935	\$ 5,753,935	\$
Seligman								
Equity								
Portfolio	Master Trust	\$ 3	\$ 5,572,060	n/a		\$	\$ 5,572,060	\$ 399,051