



STATEMENT OF VOLATILITY

Avtech instruments with a “-B” suffix in the model number, and a firmware version of 5.x or higher, have a mix of volatile and non-volatile memory, as summarized below:

Location	Description	Type	Purpose	Method of Clearing
AM3352ZCZD72 processor IC on the AM3352-SOM module	32KB of L1 Instruction and 32KB of Data Cache	Volatile	Basic low-level microprocessor functioning	Remove AC power
	256KB of L2 Cache			
	64KB of Dedicated RAM			
	64KB of General-Purpose On-Chip Memory Controller RAM			
	176KB of On-Chip Boot ROM	Non-volatile		None available to user
RAM IC on the AM3352-SOM module	512MB = 4Gb (256 M x 16 bit) DDR3 SDRAM	Volatile	RAM for operating system and programs	Remove AC power
MicroSD card on the AM3352-SOM module	2 GB microSD card	Non-volatile	Store the operating system, instrument-related programs, and calibration constants	None available to user
			User memory (4 instrument state snapshots)	Send this command sequence: *rst *sav 0 *sav 1 *sav 2 *sav 3

v1.0 – May 12, 2020