



**Varian Semiconductor Equipment Associates, Inc.  
 Listing of Officers & Directors  
 Document #F99000001068**

<b>Title</b>	T	<b>Title</b>	V
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<b>City, State, Zip Code</b>	Gloucester, MA 01930	<b>City, State, Zip Code</b>	Gloucester, MA 01930
<b>Title</b>	V	<b>Title</b>	V
<b>Name</b>	Robert J. Halliday	<b>Name</b>	Y.K. Kim
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<b>Name</b>	Alan P. Sheng	<b>Name</b>	Ralph E. Knupp
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<b>Name</b>	George W. Chamillard	<b>Name</b>	Brian Robertson
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<b>Name</b>	Robert W. Dutton	<b>Name</b>	Angus A. Macnaughton
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<b>Title</b>	V	<b>Title</b>	AS
<b>Name</b>	Walter F. Sullivan	<b>Name</b>	Stephen D. Rice
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