

Country	Patent Number	Application Title	Original Assignee
Japan	4776548	HIGH SPEED SIGNALING SYSTEM WITH ADAPTIVE TRANSMIT PRE-EMPHASIS, REFLECTION CANCELLATION AND OFFSET CANCELLATION	Rambus Inc.
Germany	6.02004E+11	Partial Response Receiver	Rambus Inc.
European Patent Office	1618597	Partial Response Receiver	Rambus Inc.
United States of America	11233678	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
United States of America	10771295	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
United States of America	10411923	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
United States of America	9705710	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
United States of America	9287909	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
United States of America	8994398	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
United States of America	9000803	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
United States of America	8564328	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
United States of America	8170163	Partial Response Receiver	Rambus Inc.
United States of America	8183887	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
United States of America	7656981	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
United States of America	7423454	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
United States of America	11664067	Memory system component that enables clock-to-strobe skew compensation	Rambus Inc.
United States of America	11100976	Memory controller with clock-to-strobe skew compensation	Rambus Inc.
United States of America	10755764	Memory component that enables calibrated command- and data-timing signal arrival	Rambus Inc.
United States of America	10325645	Memory controller with clock-to-strobe skew compensation	Rambus Inc.
United States of America	9830971	Memory controller with clock-to-strobe skew compensation	Rambus Inc.
United States of America	9437279	Memory controller with clock-to-strobe skew compensation	Rambus Inc.
United States of America	9229470	Memory controller with clock-to-strobe skew compensation	Rambus Inc.
United States of America	8743636	Memory module having a write-timing calibration mode	Rambus Inc.
United States of America	8493802	Memory controller having a write-timing calibration mode	Rambus Inc.
United States of America	8363493	Memory controller having a write-timing calibration mode	Rambus Inc.
United States of America	8218382	Memory component having a write-timing calibration mode	Rambus Inc.
United States of America	8045407	Memory-write timing calibration including generation of multiple delayed timing signals	Rambus Inc.
United States of America	7724590	Memory controller with multiple delayed timing signals	Rambus Inc.
United States of America	7480193	Memory component with multiple delayed timing signals	Rambus Inc.
China	ZL2009102052599	For the communication channel calibration of drift conditions	Rambus Inc.
United States of America	11552748	Communication Channel Calibration for Drift Conditions	Rambus Inc.
United States of America	11108510	Communication Channel Calibration for Drift Conditions	Rambus Inc.
United States of America	10673582	Communication Channel Calibration for Drift Conditions	Rambus Inc.
United States of America	10305674	Communication Channel Calibration for Drift Conditions	Rambus Inc.
United States of America	9628257	Communication Channel Calibration for Drift Conditions	Rambus Inc.
United States of America	9667406	Communication Channel Calibration for Drift Conditions	Rambus Inc.
United States of America	9042504	Communication Channel Calibration for Drift Conditions	Rambus Inc.
United States of America	8693556	Communication Channel Calibration for Drift Conditions	Rambus Inc.
United States of America	8422568	Communication Channel Calibration for Drift Conditions	Rambus Inc.
United States of America	11664907	Periodic calibration for communication channels by drift tracking	Rambus Inc.
United States of America	11258522	Periodic calibration for communication channels by drift tracking	Rambus Inc.

United States of America	10819447	Periodic calibration for communication channels by drift tracking	Rambus Inc.
United States of America	10523344	Periodic calibration for communication channels by drift tracking	Rambus Inc.
United States of America	10320496	Periodic calibration for communication channels by drift tracking	Rambus Inc.
United States of America	9667359	Periodic calibration for communication channels by drift tracking	Rambus Inc.
United States of America	9160466	Periodic calibration for communication channels by drift tracking	Rambus Inc.
United States of America	8929424	Periodic calibration for communication channels by drift tracking	Rambus Inc.
United States of America	8644419	Periodic calibration for communication channels by drift tracking	Rambus Inc.
United States of America	8165187	Periodic calibration for communication channels by drift tracking	Rambus Inc.
United States of America	7400671	Periodic calibration for communication channels by drift tracking	Rambus Inc.
United States of America	11551743	Strobe-offset control circuit	Rambus Inc.
United States of America	10741237	Strobe-offset control circuit	Rambus Inc.
United States of America	10056130	Strobe-offset control circuit	Rambus Inc.
United States of America	9111608	Strobe-offset control circuit	Rambus Inc.
United States of America	8688399	Strobe-offset control circuit	Rambus Inc.
United States of America	8311761	Strobe-offset control circuit	Rambus Inc.
United States of America	8135555	Strobe-offset control circuit	Rambus Inc.
United States of America	7668679	Individual Data Line Strobe-Offset Control in Memory Systems	Rambus Inc.
China	102543162	Multi-mode memory	Rambus Inc.
Republic of Korea	101327594	Micro-Threaded Memory	Rambus Inc.
Japan	6143814	Micro thread memory	Rambus Inc.
Japan	6018118	Micro thread memory	Rambus Inc.
United States of America	7199615	High speed signaling system with adaptive transmit pre-emphasis and reflection cancellation	Rambus Inc.
United States of America	7715501	Partial Response Receiver	Rambus Inc.
United States of America	7715471	Signaling system with selectively-inhibited adaptive equalization	Rambus Inc.
United States of America	7176721	Signal receiver with data preprocessing function	Rambus Inc.
United States of America	10331379	Memory controller for micro-threaded memory operations	Rambus Inc.
United States of America	9652176	Memory controller for micro-threaded memory operations	Rambus Inc.
United States of America	9292223	Micro-Threaded Memory	Rambus Inc.
Germany	DE602004055145T2	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
United Kingdom	2107746	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
Germany	6.02004E+11	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
France	2107746	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
United States of America	7233164	Offset cancellation in a multi-level signaling system	Rambus Inc.
United States of America	7301831	MEMORY SYSTEMS WITH VARIABLE DELAYS FOR WRITE DATA SIGNALS	Rambus Inc.
United States of America	7092472	Data-level clock recovery	Rambus Inc.
United States of America	7030657	High speed signaling system with adaptive transmit pre-emphasis and reflection cancellation	Rambus Inc.
United States of America	7397848	Partial Response Receiver	Rambus Inc.
United States of America	7126378	High Speed Signaling System with Adaptive Transmit Pre-Emphasis	Rambus Inc.
United States of America	7171321	Individual Data Line Strobe-Offset Control in Memory Systems	Rambus Inc.
United Kingdom	2363860	MULTI-BANK MEMORY WITH INTERLEAVED OR PARALLEL ACCESSES OF BANKS	Rambus Inc.
Germany	6.02005E+11	MULTI-BANK MEMORY WITH INTERLEAVED OR PARALLEL ACCESSES OF BANKS	Rambus Inc.
France	2363860	MULTI-BANK MEMORY WITH INTERLEAVED OR PARALLEL ACCESSES OF BANKS	Rambus Inc.
United Kingdom	1820195	Micro-Threaded Memory	Rambus Inc.

Germany	1820195	Micro-Threaded Memory	Rambus Inc.
France	1820195	Micro-Threaded Memory	Rambus Inc.
United States of America	8595459	Micro-Threaded Memory	Rambus Inc.
Germany	1733480	Periodic calibration for communication channels by drift tracking	Rambus Inc.
United States of America	7400670	Periodic calibration for communication channels by drift tracking	Rambus Inc.
Germany	6.02005E+11	Communication Channel Calibration for Drift Conditions	Rambus Inc.
Italy	1712013	Communication Channel Calibration for Drift Conditions	Rambus Inc.
Germany	1712013	Communication Channel Calibration for Drift Conditions	Rambus Inc.
Finland	1712013	Communication Channel Calibration for Drift Conditions	Rambus Inc.
United States of America	8144792	Communication Channel Calibration for Drift Conditions	Rambus Inc.
United States of America	7415073	Communication Channel Calibration for Drift Conditions	Rambus Inc.
United States of America	7095789	Communication Channel Calibration for Drift Conditions	Rambus Inc.