

Mit der folgenden Liste wird versucht, viele von der Firma Digital Equipment Corporation (DEC) produzierten Module für die PDP-11 Computer-Familie – nach Modul-Nummern sortiert – zu erfassen.

Die Module der PDP-11 und LSI-11 haben auch im Zeitalter der VAX-Compu-

ter eine gewisse Bedeutung. Die kleineren VAX-Computer sind ebenfalls Maschinen, die mit dem Q-Bus ausgestattet sind. Daher können manche dieser Module auch in diesen μ VAXen verwendet werden.

Als Quelle wurden verschiedene DEC-Publikationen verwendet. Außerdem wur-

de das Verzeichnis mit der im UseNET im April 1990 veröffentlichten Liste von Jerry Kilgore (CompuServe: 76545, 1614) abgeglichen.

Module	Bus	Width	Model	Description
A 012	Q	Quad	ADV11-A	D/A converter, 16 channel, 12 bit
A 0026	Q	Dual	AXV11-C	A/D and D/A combination controller
A 4002	Q	n/a	KWV11-C	Programmable real-time clock
A 6001	Q	Quad	AAV11-A	A/D converter, 4 channel, 12 bit
A 6006	Q	Dual	AAV11-C	D/A converter
A 8000	Q	Dual	ADV11-C	A/D converter
CAM7142	Q	Dual	VK170	Serial video module
G 653	Q	Quad	MMV11-A	Core memory 4K x 16
M 792-YB	U	Quad	n/a	Bootstrap Diode Matrix
M 3104	Q	Quad	DHV11	Serial EIA MUX 8 lines
M 3106	Q	Dual	DZQ11	Serial EIA MUX 4 lines
M 4002	Q	Dual	KWV11-C	Programmable real time clock
M 5028	?	?	?	Optically isolated signal conditioning
M 7064	Q	n/a	VSV11	Graphics Display
M 7025	U	Hex	n/a	Dual real-time clock
M 7090	U	Dual	KD11-Z	PDP-11/44 Console Interface Module
M 7091	U	Quad	KE44-A	PDP-11/44 Commercial Instruction Set
M 7092	U	Hex	KE44-A	PDP-11/44 Commercial Instruction Set
M 7093	U	Hex	FP11-F	PDP-11/44 Floating Point Processor
M 7094	U	Hex	KD11-Z	PDP-11/44 Data paths module
M 7095	U	Hex	KD11-Z	PDP-11/44 Control logic module
M 7096	U	Hex	KD11-Z	PDP-11/44 Multifunction module
M 7097	U	Hex	KD11-Z	PDP-11/44 Cache memory module
M 7098	U	Hex	KD11-Z	PDP-11/44 UNIBUS interface module
M 7133	U	Hex	n/a	PDP-11/24 Integrated processor card
M 7134	U	Hex	KT-24	PDP-11/24 Memory management option
M 7135	Q	Quad	KD32-A	μ VAX-1 CPU module, 1 of 2
M 7136	Q	Quad	KD32-A	μ VAX-1 CPU module, 2 of 2
M 7168	Q	Quad	VCB02	Base Graphics module, 1 of 2
M 7169	Q	Quad	VCB02	4-Plane model, 2 of 2
M 7193	Q	Quad	DRQ11-C	Alternate buffer DMA interface for Q18
M 7194	?	?	?	Differential signal conditioning
M 7195	Q	Dual	MXV11-B	Multifunction module (2 SLU, boot, RAM)
M 7196	Q	Quad	TSV05	Magnetic Tape controller
M 7231	U	Hex	KD11-A	PDP-11/40 Data Paths
M 7232	U	Hex	KD11-A	PDP-11/40 Microword board
M 7233	U	Hex	KD11-A	PDP-11/40 I/R decode
M 7234	U	Hex	KD11-A	PDP-11/40 Timing board
M 7235	U	Hex	KD11-A	PDP-11/40 Status processor
M 7236	U	Hex	KT11-D	PDP-11/40 Memory management unit
M 7254	U	Quad	RK11-D	RK05 Controller card #1
M 7255	U	Quad	RK11-D	RK05 Controller card #2
M 7256	U	Quad	RK11-D	RK05 Controller card #3
M 7257	U	Quad	RK11-D	RK05 Controller card #4
M 7260	U	Hex	KD11-B	PDP-11/05 Processor data paths
M 7261	U	Hex	KD11-B	PDP-11/05 Processor control logic
M 7264 ?	Q	Quad	KD11-F	LSI-11 Processor with 4kW memory
M 7264 ?	U	Hex	KD11-D	PDP-11/04 Single board processor
M 7265	U	Hex	KD11-E	PDP-11/34 Processor data paths
M 7266	U	Hex	KD11-E	PDP-11/34 Processor microcode
M 7269	Q	Dual	RKV11-D	RK05 Disk controller
M 7270	Q	Dual	KD11-H	LSI-11 Processor 18-bit
M 7485	U	Hex	UDA-50	Disk Controller, ROM card. 1 of 2.
M 7486	U	Hex	UDA-50	Disk Controller, Processor. 2 of 2.
M 7500	Q	Quad	KMV11-A	Programmable Communication controller
M 7502	Q	Dual	DEQNA	Ethernet controller
M 7504	Q	Dual	DEQNA	Smart DMA Ethernet controller
M 7516	Q	Dual	DELQA	DELQA Ethernet controller
M 7516-YM	Q	Dual	DELQA	DELQA Turbo Ethernet controller
M 7521-AA	U	Hex	DELUA	Ethernet Controller Card
M 7522	U	Quad	RX50	RX50 unibus controller
M 7546	Q	n/a	TQK50	Streaming tape controller - DMA
M 7549	Q	Quad	DRQ11-C	Alternate buffer DMA interface for Q22
M 7551	Q	Quad	MSV11-Q	MOS memory 1 MByte

Module	Bus	Width	Model	Description
M 7555	Q	Dual	RQDX3	Universal Disc Processor module
M 7556	U	Dual	MLM	11/84 Minimum Load Module
M 7605	Q	Quad	TQK25	Streaming tape controller
M 7606	Q	Quad	KA630-AA	μ VAX-II CPU module
M 7606	Q	Quad	KA630-AB	μ VAX-II CPU module
M 7607	Q	Quad	MS630-AA	μ VAX-II local memory module
M 7608	Q	Quad	MS630-BA	μ VAX-II local memory module
M 7608	Q	Quad	MS630-BB	μ VAX-II local memory module
M 7651	Q	Dual	DRV11-W	General purpose DMA interface
M 7656	Q	Quad	VSV21	Color graphics module
M 7762	U	Hex	RL11	RL01/02 Disk controller card
M 7676	Q	Dual	KXT11-AB	T-11 CPU Falcon+, SBC 11/21+
M 7740	Q	Dual	KLESI-QA	LESI Bus adapter, RC25 interface
M 7792	U	Hex	DEUNA	DEUNA Port Module
M 7793	U	Hex	DEUNA	DEUNA Link Module
M 7810	U	Quad	PC11	Paper tape reader/punch interface
M 7814	U	Hex	DZ11	8-Line serial controller, 20 mA.
M 7819	U	Hex	n/a	8-Line serial controller, EIA RS232
M 7843	U	Hex	DR11-K	Parallel digital I/O interface
M 7846	U	Quad	RX11	RX01 single density floppy interface
M 7847	U	Hex	n/a	MOS memory for 11/34 and 11/04
M 7850	U	Dual	n/a	Parity controller
M 7856	U	Quad	DL11-W	Serial line unit and real time clock
M 7859	U	Quad		PDP-11/34 programmer console interface
M 7860	U	Quad	DR11-C	Parallel digital I/O interface
M 7872	U	Hex	KD11-K	PDP-11/60 Microword board
M 7873	U	Hex	KD11-K	PDP-11/60 Data paths
M 7874	U	Hex	KD11-K	PDP-11/60 Cache kit
M 7875	U	Hex	KD11-K	PDP-11/60 Cache kit
M 7876	U	Hex	KD11-K	PDP-11/60 Timing board
M 7877	U	Hex	KD11-K	PDP-11/60 Status board
M 7878	U	Hex	FP11-E	PDP-11/60 FNUA Floating point
M 7879	U	Hex	FP11-E	PDP-11/60 E exponent, Floating point
M 7880	U	Hex	FP11-E	PDP-11/60 FNUA floating point
M 7891	U	Hex	MS11LD	128 kW x 18-bit memory module
M 7892	U	Quad	TA11	Cassette interface module
M 7900	U	n/a	RK611	Unibus interface
M 7901	U	n/a	RK611	Register board
M 7902	U	n/a	RK611	Control board
M 7903	U	n/a	RK611	Data board
M 7904	U	n/a	RK611	Drive interface
M 7940	Q	Dual	DLV11	SLU card
M 7941	Q	Dual	DRV11	Parallel digital I/O module
M 7942	Q	n/a	MRV11	Bus Memory Module
M 7944	Q	Dual	MSV11-B	4 kW x 16 MOS Dynamic RAM module
M 7946	Q	Dual	RXV11	RX01 Floppy controller
M 7948	Q	Quad	DRV11-P	Foundation Module
M 7949	Q	Dual	LAV11	LA180 Line printer interface
M 7950	Q	Quad	DRV11-B	DMA Parallel digital I/O module
M 7951	Q	Quad	DUV11	Synchronous serial line interface
M 7952	Q	Quad	KWV11-A	Programmable real time clock
M 7954	Q	Dual	IBV11-A	Instrument Bus interface
M 7955	Q	Quad	MSV11-C	16 kW x 16 MOS Dynamic RAM module
M 7955-YD	Q	Quad	MSV11-CD	16 kW x 16 MOS Dynamic RAM module
M 7957	Q	Dual	DZV11	Async Comm module, no silo
M 7982	U	Hex	TS11	Serial tape controller
M 7983	U	Hex	n/a	PDP-11/60 Memory Controller (32K x 16 bit)
M 7984	U	Hex	n/a	PDP-11/60 MOS RAM (16K x 39)
M 8012	Q	Quad	BDV11	Bootstrap and terminator card
M 8013	Q	Quad	RLV11	RL01 disc controller, card 1 of 2
M 8014	Q	Quad	RLV11	RL01 disc controller, card 2 of 2
M 8016	Q	Dual	KPV11-A	Line clock and power-fail module
M 8016-YC	Q	Dual	KPV11-B	Line clock and power-fail, 120 ohm term.
M 8016-YC	Q	Dual	KPV11-C	Line clock and power-fail, 220 ohm term.

Module	Bus	Width	Model	Description
M 8017	Q	Dual	DLV11-E	Async SLU module
M 8018	Q	Quad	KUV-11	WCS module for LSI-11
M 8020	Q	Dual	DPV11	Synchronous Communication module
M 8021	Q	Dual	MRV11-BA	PROM card
M 8027	Q	Dual	LPV11	Line printer interface
M 8028	Q	Dual	DLV11-F	Async SLU card
M 8029	Q	Dual	RXV21	RX02 floppy drive controller
M 8043	Q	Dual	DLV11-J	Async serial control, 4 lines
M 8044	Q	Dual	MSV11-D	MOS dynamic RAM module, 4K/16K/32K
M 8045	Q	Dual	MSV11-E	MOS dynamic RAM module, 4K/16K/32K
M 8047	Q	Dual	MXV11-A	Multifunction module
M 8047 ?	Q	n/a	MRV11	Q22 Memory module
M 8048	Q	Dual	MRV11-C	PROM/ROM module
M 8049	Q	Dual	DRV11-J	General purpose I/O ports
M 8053	Q	Quad	DMV11-M	Synchronous DMA communication module
M 8059	Q	Dual	MSV11-L	MOS memory, 128 kB or 256 kB
M 8061	Q	Quad	RLV12	RL01/02 Disc controller
M 8063	Q	Dual	KXT11-A	SBC-11/21 single card CPU
M 8064	Q	Quad	DMV11-N	Synchronous DMA communication module
M 8067	Q	Quad	MSV11-P	MOS memory, 256 kB or 512 kB
M 8131	U	Hex	KB11-C	PDP-11/70 ALU and general register board
M 8132	U	Hex	KB11-C	PDP-11/70 IR decode and condition codes
M 8133	U	Hex	KB11-C	PDP-11/70 ALU and general register board
M 8134	U	Hex	KB11-C	PDP-11/70 Processor data and Unibus registers
M 8135	U	Hex	KB11-C	PDP-11/70 Traps and Miscellaneous
M 8136	U	Hex	KB11-C	PDP-11/70 UNIBUS and console control
M 8137	U	Hex	KB11-C	PDP-11/70 Seg status register
M 8138	U	Hex	KB11-C	PDP-11/70 SYS status register
M 8140	U	Hex	KB11-C	PDP-11/70 Segment and console control
M 8141	U	Hex	KB11-C	PDP-11/70 Mapping box
M 8142	U	Hex	KB11-C	PDP-11/70 Cache control board
M 8143	U	Hex	KB11-C	PDP-11/70 Cache ADM, ADD memory
M 8144	U	Hex	KB11-C	PDP-11/70 Cache data memory
M 8145	U	Hex	KB11-C	PDP-11/70 Cache data path
M 8150	U	Hex	RH55	Massbus Data Path
M 8151	U	Hex	RH55	Control and Status
M 8152	U	Hex	RH55	Address and word count
M 8153	U	Hex	RH55	UNIBUS control
M 8158	U	Hex	MK11	MK11 Address buffer, 11/70 memory system
M 8160	U	Hex	MK11	MK11 Control A, 11/70 memory system
M 8161	U	Hex	MK11	MK11 Control B, 11/70 memory system
M 8164	U	Hex	MK11	MK11 Data buffer, 11/70 memory system
M 8186	Q	Dual	KDF11	LSI-11/23 Processor
M 8188	Q	Quad	FPF11	Floating Point processor
M 8189	Q	Quad	KDF11-B	LSI-11/23+ processor
M 8190	Q	Quad	KDJ11-B	µPDP-11/73 CPU
M 8190-AE	Q	Quad	KDJ11-BF	µPDP-11/83-84CPU
M 8192	Q	Dual	KDJ11-A	LSI-11/73 CPU
M 8217	U	Quad	n/a	UNIBUS to LSI-11 bus converter
M 8256	U	Quad	RX211	RX02 floppy controller
M 8265	U	Hex	KD11-EA	PDP-11/34A Processor data paths
M 8266	U	Hex	KD11-EA	PDP-11/34A Processor microcode
M 8267	U	Hex	FP11-A	PDP-11/34A Floating point processor
M 8268	U	Hex	KK11-A	PDP-11/34A 1kByte cache memory unit
M 8377	Q	Quad	KXT11-CA	Peripheral I/O Processor, SBC
M 8396	U	Hex	KFM32	I/O multiplexer and LP control
M 8578	Q	Dual	MRV11-D	PROM/ROM module
M 8631	Q	Dual	MCV11-D	CMOS non-volatile RAM, 8 kB/32 kB
M 8634	Q	Quad	IEQ11	DMA IEEE instrument bus interface
M 8639	Q	Quad	RQDX1	Smart DMA disc controller
M 8639-YB	Q	Quad	RQDX2	Smart DMA disc controller
M 8716	U	Hex	DR11-W	Parallel digital I/O DMA interface
M 8722	U	Hex	MS11-MB	256 kB MOS-ECC RAM, 11/24 & 11/44
M 8728	U	Hex	n/a	64 kW x 39 MOS RAM, 11/70
M 8729	U	Quad	DRU11-C	Alternate buffer DMA interface for Unibus
M 8730	U	Quad	n/a	Clock calendar card
M 8743	U	Hex	MS11-PB	1 MByte memory, 11/24 & 11/44
M 9300	U	Dual	n/a	Unibus B Terminator
M 9301-YA	U	Dual	n/a	OEM terminator and bootstrap
M 9301-YB	U	Dual	n/a	End user terminator and bootstrap
M 9302	U	Dual	n/a	Terminator card
M 9312	U	Dual	n/a	Bootstrap and terminator module
M 9400	Q	Dual	REV11	120 Ohm terminator, refresh, boot
M 9400-YA	Q	Dual	REV11-A	120 Ohm terminator, refresh, boot
M 9400-YB	Q	Dual	TEV11	120 Ohm terminator
M 9400-YC	Q	Dual	REV11-C	120 Ohm terminator, refresh, boot
M 9400-YD	Q	Dual	REV11-C	Cable connector
M 9400-YE	Q	Dual	REV11-C	240 Ohm terminator, cable connector
M 9404	Q	Dual	n/a	Cable connector

Module	Bus	Width	Model	Description
M 9404-YA	Q	Dual	n/a	Cable connector, 240 ohm terminator
M 9405	Q	Dual	n/a	Cable connector
M 9405-YA	Q	Dual	n/a	Cable connector, 240 ohm terminator