

DEVICE TYPE NO	FUNCTION app A	DATA WORD LENGTH	DEVICE DESCRIPTION	MICRO FAMILY app B
uPD414AD-3	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 150NS/2X6 MULTIPLEXED ADDRESS LINES	GEN. PURP.
uPD414C	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 300NS/2X6 MULTIPLEXED ADDRESS LINES	GEN. PURP.
uPD414C-1	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 250NS/2X6 MULTIPLEXED ADDRESS LINES	GEN. PURP.
uPD414C-2	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 200NS/2X6 MULTIPLEXED ADDRESS LINES	GEN. PURP.
uPD414C-E	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 350NS/2X6 MULTIPLEXED ADDRESS LINES	GEN. PURP.
uPD414D	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 300NS/2X6 MULTIPLEXED ADDRESS LINES	GEN. PURP.
uPD414D-1	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 250NS/6 MULTIPLEXED ADDRESS 1CS LINES	GEN. PURP.
uPD414D-2	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 200NS/2X6 MULTIPLEXED ADDRESS LINES	GEN. PURP.
uPD414D-E	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 350NS/2X6 MULTIPLEXED ADDRESS LINES	GEN. PURP.
uPD416C	DRAM	1-BIT	16K=16384X1/MAX. ACCESS 300NS/MULTIPLEXED 7 ADDRESS LINES	GEN. PURP.
uPD416C-1	DRAM	1-BIT	16K=16384X1/MAX. ACCESS 250NS/MULTIPLEXED 7 ADDRESS LINES	GEN. PURP.
uPD416C-2	DRAM	1-BIT	16K=16384X1/MAX. ACCESS 200NS/MULTIPLEXED 7 ADDRESS LINES	GEN. PURP.
uPD416C-3	DRAM	1-BIT	16K=16384X1/MAX. ACCESS 150NS/MULTIPLEXED 7 ADDRESS LINES	GEN. PURP.
uPD416C-5	DRAM	1-BIT	16K=16384X1/MAX. ACCESS 120NS/MULTIPLEXED 7 ADDRESS LINES	GEN. PURP.
uPD416D	DRAM	1-BIT	16K=16384X1/MAX. ACCESS 300NS/MULTIPLEXED 7 ADDRESS LINES	GEN. PURP.
uPD416D-1	DRAM	1-BIT	16K=16384X1/MAX. ACCESS 250NS/MULTIPLEXED 7 ADDRESS LINES	GEN. PURP.
uPD416D-2	DRAM	1-BIT	16K=16384X1/MAX. ACCESS 200NS/MULTIPLEXED 7 ADDRESS LINES	GEN. PURP.
uPD416D-3	DRAM	1-BIT	16K=16384X1/MAX. ACCESS 150NS/MULTIPLEXED 7 ADDRESS LINES	GEN. PURP.
uPD416D-5	DRAM	1-BIT	16K=16384X1/MAX. ACCESS 120NS/MULTIPLEXED 7 ADDRESS LINES	GEN. PURP.
uPD418C	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
uPD418C-1	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
uPD418C-2	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
uPD418C-3	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
uPD418D	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 300NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
uPD418D-1	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
uPD418D-2	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
uPD418D-3	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
uPD418D-E	DRAM	1-BIT	4K=4096X1/MAX. ACCESS 350NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
uPD421	SRAM	8-BIT	8K=1024X8/MAX. ACCESS 85-100-150-200NS/10 ADDR. 1CS LINES/PWR DN	GEN. PURP.
uPD443/6508C	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
uPD443/6508C-1	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 300NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
uPD443/6508D-1	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 250NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
uPD444/6514C	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CE ADDR. LINES/2V RETENTION	GEN. PURP.
uPD445LC	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 650NS/6X 4Y 2CE ADDR. LINES	GEN. PURP.
uPD445LC-1	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 450NS/6X 4Y 2CE ADDR. LINES	GEN. PURP.
uPD454D	EAROM	8-BIT	2K=256X8/MAX. ACCESS 800NS/8 ADDR. 1CS LINES	8080
uPD458D	EAROM	8-BIT	8K=1024X8/MAX. ACCESS 450NS/10 ADDR. 1CS LINES	8080
uPD464C	MROM	8-BIT	2K=256X8/MAX. ACCESS 450NS	GEN. PURP.
uPD464D	MROM	8-BIT	2K=256X8/MAX. ACCESS 450NS	GEN. PURP.
uPD545C	MICMP	4-BIT	1-CHIP CALCULATOR-ORIENTED MICROCOMPUTER/ALT. TYPE NO. uCOM42	545
uPD546C	MICTR	4-BIT	1-CHIP CONTROLLER-ORIENTED MICROCOMPUTER/ALT. TYPE NO. uCOM43	546
uPD547C	MICMP	4-BIT	1-CHIP MICROCOMPUTER/1KX8 ROM/64X4 RAM/35 I-O/ALT. TYPE uCOM-44	545
uPD547LC	MICMP	4-BIT	1-CHIP MICROCOMPUTER/LOW PWR VERSION OF uPD547-ALT. NO. uCOM44L	545
uPD548C	MICMP	4-BIT	1-CHIP MICROCOMPUTER/1920X10 ROM/96X4 RAM/ALT. NO. uCOM-42	545
uPD550C	MICMP	4-BIT	1-CHIP MICROCOMPUTER/640X8 ROM/32X4 RAM/35V OP/OTHER NO. uCOM-45	545
uPD551C	MICMP	4-BIT	1-CHIP MICROCOMPUTER/1KX8 ROM/64X4 RAM/ADC/OTHER NO. uCOM-46	545
uPD552C	MICMP	4-BIT	1-CHIP MICROCOMPUTER/1KX8 ROM/64X4 RAM/35V OP/OTHER NO. uCOM44H	545
uPD553C	MICMP	4-BIT	1-CHIP MICROCOMPUTER/2KX8 ROM/96X4 RAM/35V OP/OTHER NO. uCOM-43	545
uPD554C	MICMP	4-BIT	1-CHIP MICROCOMPUTER/1KX8 ROM/32X4 RAM/35V OP/ALT. NO. uCOM45-8K	545
uPD555D	MICMP	4-BIT	1-CHIP MICROCOMPUTER/96X4 RAM/ROMLESS uPD548/ALT. NO. EVACHIP 42	545
uPD556B	MICMP	4-BIT	1-CHIP MICROCOMPUTER/EVALN. CHIP FOR uCOM-43-44-45/ = EVACHIP 43	545
uPD650C	MICMP	4-BIT	1-CHIP MICROCOMPUTER/CMOS VERSION OF uPD546-uCOM43	545
uPD651C	MICMP	4-BIT	1-CHIP MICROCOMPUTER/CMOS VERSION OF uPD547-uCOM44	545
uPD652C	MICMP	4-BIT	1-BIT MICROCOMPUTER/CMOS VERSION OF uPD554-uCOM45(8K)	545
uPD758C	PRTRC	8-BIT	PRINTER CONTROLLER FOR 8080 FAM. (APP. B)/EPSON 101 SER. PRINTER	8080
uPD764C	PRTRC	8-BIT	PRINTER CONTROLLER FOR 8080 FAM. (APP. B)/EPSON CR330,M310 SER.	8080
uPD765C	FLPDC	8-BIT	SINGLE-DOUBLE DENSITY FLOPPY DISK CONTROLLER	8080-8085
uPD780C	CPU	8-BIT	1-CHIP CPU OF Z80 FAM./=Z80-CPU-CS/0.4us CLOCK PERIOD MIN.	Z80
uPD780C-1	CPU	8-BIT	1-CHIP CPU OF Z80 FAM./=Z80A-CPU /0.25us CLOCK PERIOD MIN.	Z80
uPD2101ALC	SRAM	4-BIT	1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES	GEN. PURP.
uPD2101ALC-2	SRAM	4-BIT	1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES	GEN. PURP.
uPD2101ALC-4	SRAM	4-BIT	1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES	GEN. PURP.
uPD2102ALC	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 350NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY	GEN. PURP.
uPD2102ALC-2	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 250NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY	GEN. PURP.
uPD2102ALC-4	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 450NS/5X 5Y 1CE ADDRESS LINES/LO PWR STDBY	GEN. PURP.
uPD2111ALC	SRAM	4-BIT	1K=256X4/MAX. ACCESS 350NS/5X 3Y 2CE ADDRESS LINES	GEN. PURP.
uPD2111ALC-2	SRAM	4-BIT	1K=256X4/MAX. ACCESS 250NS/5X 3Y 2CE ADDRESS LINES	GEN. PURP.
uPD2111ALC4	SRAM	4-BIT	1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES	GEN. PURP.
uPD2114LC	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES	GEN. PURP.
uPD2114LC-1	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES	GEN. PURP.
uPD2114LC-2	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 250NS/6X 4Y 1CS ADDRESS LINES	GEN. PURP.
uPD2114LC-3	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES	GEN. PURP.
uPD2114LC-5	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 150NS/6X 4Y 1CS ADDRESS LINES	GEN. PURP.
uPD2114LD	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES	GEN. PURP.

MKR app C	PACKAGE app E	LSI TYPE app D	OPERATING TEMPERATURE RANGE	D. C. SUPPLY VOLTAGES	QUIESC PWR (max)	INPUT LOGIC LEVELS	OUTPUT LOGIC LEVELS	SUBSTITUTE	DEVICE TYPE NO
NEC	DIL-16/1C	NMOS	0C/+70C	-5V/+5V/+12V	300MXMW	TTL	TTL/TS	MK4027P-2	uPD414AD-3
NEC	DIL-16/1P	NMOS	0C/+70C	-5V/+5V/+12V	300MXMW	TTL	TTL/TS	MK4027N-4	uPD414C
NEC	DIL-16/1P	NMOS	0C/+70C	-5V/+5V/+12V	300MXMW	TTL	TTL/TS	MK4027N-4	uPD414C-1
NEC	DIL-16/1P	NMOS	0C/+70C	-5V/+5V/+12V	300MXMW	TTL	TTL/TS	MK4027P-2	uPD414C-2
NEC	DIL-16/1P	NMOS	0C/+70C	-5V/+5V/+12V	300MXMW	TTL	TTL/TS	MK4027N-4	uPD414C-E
NEC	DIL-16/1C	NMOS	0C/+70C	-5V/+5V/+12V	300MXMW	TTL	TTL/TS	MK4027P-4	uPD414D
NEC	DIL-16/1C	NMOS	0C/+70C	-5V/+5V/+12V	300MXMW	TTL	TTL/TS	MK4027P-4	uPD414D-1
NEC	DIL-16/1C	NMOS	0C/+70C	-5V/+5V/+12V	300MXMW	TTL	TTL/TS	MK4027P-3	uPD414D-2
NEC	DIL-16/1C	NMOS	0C/+70C	-5V/+5V/+12V	300MXMW	TTL	TTL/TS	MK4027P-4	uPD414D-E
NEC	DIL-16/1P	NMOS	0C/+70C	-5V/+5V/+12V	420MXMW	TTL	TTL/TS	MK4116P-4	uPD416C
NEC	DIL-16/1P	NMOS	0C/+70C	-5V/+5V/+12V	420MXMW	TTL	TTL/TS	MK4116P-4	uPD416C-1
NEC	DIL-16/1P	NMOS	0C/+70C	-5V/+5V/+12V	420MXMW	TTL	TTL/TS	MK4116P-2	uPD416C-2
NEC	DIL-16/1P	NMOS	0C/+70C	-5V/+5V/+12V	420MXMW	TTL	TTL/TS	MK4116P-2	uPD416C-3
NEC	DIL-16/1P	NMOS	0C/+70C	-5V/+5V/+12V	420MXMW	TTL	TTL/TS	MK4116P-4	uPD416C-5
NEC	DIL-16/1C	NMOS	0C/+70C	-5V/+5V/+12V	420MXMW	TTL	TTL/TS	MK4116P-4	uPD416D
NEC	DIL-16/1C	NMOS	0C/+70C	-5V/+5V/+12V	420MXMW	TTL	TTL/TS	MK4116P-4	uPD416D-1
NEC	DIL-16/1C	NMOS	0C/+70C	-5V/+5V/+12V	420MXMW	TTL	TTL/TS	MK4116P-3	uPD416D-2
NEC	DIL-16/1C	NMOS	0C/+70C	-5V/+5V/+12V	420MXMW	TTL	TTL/TS	MK4116P-2	uPD416D-3
NEC	DIL-16/1C	NMOS	0C/+70C	-5V/+5V/+12V	420MXMW	TTL	TTL/TS	MK4116P-4	uPD416D-5
NEC	DIL-18/1P	NMOS	0C/+70C	-5V/+12V	328MXMW	TTL	TTL/OD	TMS4050NL	uPD418C
NEC	DIL-18/1P	NMOS	0C/+70C	-5V/+12V	328MXMW	TTL	TTL/OD	TMS4050-1NL	uPD418C-1
NEC	DIL-18/1P	NMOS	0C/+70C	-5V/+12V	328MXMW	TTL	TTL/OD	TMS4050-2NL	uPD418C-2
NEC	DIL-18/1P	NMOS	0C/+70C	-5V/+12V	328MXMW	TTL	TTL/OD	TMS4050-3NL	uPD418C-3
NEC	DIL-18/1C	NMOS	0C/+70C	-5V/+12V	287MXMW	TTL	TTL/OD	TMS4050JL	uPD418D
NEC	DIL-18/1C	NMOS	0C/+70C	-5V/+12V	328MXMW	TTL	TTL/OD	TMS4050-1JL	uPD418D-1
NEC	DIL-18/1C	NMOS	0C/+70C	-5V/+12V	370MXMW	TTL	TTL/OD	TMS4050-2JL	uPD418D-2
NEC	DIL-18/1C	NMOS	0C/+70C	-5V/+12V	370MXMW	TTL	TTL/OD	TMS4050-3JL	uPD418D-3
NEC	DIL-18/1C	NMOS	0C/+70C	-5V/+12V	350MXMW	TTL	TTL/OD	TMS4050JL	uPD418D-E
NEC	DIL-22/4-	NMOS	0C/+70C	+5V		TTL	TTL/TS		uPD421
NEC	DIL-16/1P	CMOS	0C/+70C	+5V		TTL	TTL/TS	IM6508A	uPD443/6508C
NEC	DIL-16/1P	CMOS	0C/+70C	+5V		TTL	TTL/TS	IM6508A	uPD443/6508C-1
NEC	DIL-16/1C	CMOS	0C/+70C	+5V		TTL	TTL/TS	IM6508A	uPD443/6508D
NEC	DIL-16/1C	CMOS	0C/+70C	+5V		TTL	TTL/TS	IM6508A	uPD443/6508D-1
NEC	DIL-18/1P	CMOS	0C/+70C	+5V		TTL	TTL/TS	IM6514	uPD444/6514C
NEC	DIL-20/4P	CMOS	0C/+70C	+5V	150MXMW	TTL	TTL/TS		uPD445LC
NEC	DIL-20/4P	CMOS	0C/+70C	+5V	150MXMW	TTL	TTL/TS		uPD445LC-1
NEC	DIL-24/2C	NMOS	0C/+70C	+5V/+12V	200MXMW	TTL	TTL/TS		uPD454D
NEC	DIL-28/2C	NMOS	0C/+70C	+5V/+12V	605MXMW	TTL	TTL/TS		uPD458D
NEC	DIL-24/2P	NMOS	0C/+70C	-5V/+5V/+12V	520MXMW	TTL	TTL/TS		uPD464C
NEC	DIL-24/2C	NMOS	0C/+70C	-5V/+5V/+12V	520MXMW	TTL	TTL/TS		uPD464D
NEC	DIL-42/2P	PMOS	0C/+70C	-10V		MOS	MOS		uPD545C
NEC	DIL-42/2P	PMOS	0C/+70C	-10V		MOS	TTL/OD		uPD546C
NEC	DIL-42/2P	PMOS	0C/+70C	-10V	50MXMA	TTL	TTL/OD		uPD547C
NEC	DIL-42/2P	PMOS	0C/+70C	-8V	25MXMA	TTL	TTL/OD		uPD547LC
NEC	DIL-42/2P	PMOS	0C/+70C	-10V		TTL	TTL		uPD548C
NEC	DIL-28/2P	PMOS	0C/+70C	-10V	40MXMA	TTL	TTL		uPD550C
NEC	DIL-40/2P	PMOS	0C/+70C	-10V	40MXMA	TTL	TTL/OD		uPD551C
NEC	DIL-42/2P	PMOS	0C/+70C	-10V	50MXMA	PMOS	PMOS		uPD552C
NEC	DIL-42/2P	PMOS	0C/+70C	-10V	50MXMA	PMOS	PMOS		uPD553C
NEC	DIL-28/2P	PMOS	0C/+70C	-10V	40MXMA	PMOS	PMOS		uPD554C
NEC	DIL-64/3C	PMOS	0C/+70C	-10V	60MXMA	PMOS	PMOS/OD		uPD555D
NEC	QIL-64/1C	PMOS	0C/+70C	-10V	50MXMA	PMOS	PMOS		uPD556B
NEC	DIL-42/2P	CMOS	-35C/+85C	+5V	2MXMA	CMOS	CMOS		uPD650C
NEC	DIL-42/2P	CMOS	-35C/+85C	+5V	2MXMA	CMOS	CMOS		uPD651C
NEC	DIL-42/2P	CMOS	-30C/+85C	+5V	2MXMA	CMOS	CMOS		uPD652C
NEC	DIL-42/2P	NMOS	0C/+70C	-5V/+5V/+12V	340MXMW	TTL	TTL		uPD758C
NEC	DIL-42/2P	NMOS	0C/+70C	+5V	225MXMW	TTL	TTL		uPD764C
NEC	DIL-40/2P	NMOS	0C/+70C	+5V	130MXMA	TTL	TTL/TS		uPD765C
NEC	DIL-40/2P	NMOS	0C/+70C	+5V	150MXMA	TTL	TTL/TS	Z80-CPU-CS	uPD780C
NEC	DIL-40/2P	NMOS	0C/+70C	+5V	200MXMA	TTL	TTL/TS	Z80A-CPU-CS	uPD780C-1
NEC	DIL-22/4P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	P2101A	uPD2101ALC
NEC	DIL-22/4P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	P2101A-2	uPD2101ALC-2
NEC	DIL-22/4P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	P2101A-4	uPD2101ALC-4
NEC	DIL-16/1P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	P2102AL	uPD2102ALC
NEC	DIL-16/1P	NMOS	0C/+70C	+5V	65MXMA	TTL	TTL/TS	P2102AL	uPD2102ALC-2
NEC	DIL-16/1P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	P2102AL-4	uPD2102ALC-4
NEC	DIL-18/1P	NMOS	0C/+70C	+5V	200MXMW	TTL	TTL/TS		uPD2111ALC
NEC	DIL-18/1P	NMOS	0C/+70C	+5V	200MXMW	TTL	TTL/TS		uPD2111ALC-2
NEC	DIL-18/1P	NMOS	0C/+70C	+5V	175MXMW	TTL	TTL/TS		uPD2111ALC4
NEC	DIL-18/1P	NMOS	0C/+70C	+5V	70MXMA	TTL	TTL/TS	D2114L	uPD2114LC
NEC	DIL-18/1P	NMOS	0C/+70C	+5V	70MXMA	TTL	TTL/TS	D2114L-3	uPD2114LC-1
NEC	DIL-18/1P	NMOS	0C/+70C	+5V	70MXMA	TTL	TTL/TS	D2114L-2	uPD2114LC-2
NEC	DIL-18/1P	NMOS	0C/+70C	+5V	70MXMA	TTL	TTL/TS	D2114L-2	uPD2114LC-3
NEC	DIL-18/1P	NMOS	0C/+70C	+5V	70MXMA	TTL	TTL/TS		uPD2114LC-5
NEC	DIL-18/1C	NMOS	0C/+70C	+5V	70MXMA	TTL	TTL/TS	D2114L	uPD2114LD