

Sources for OMNI VI/VI+ Logic Board Integrated Circuits

Compiled by Dave Bowker, K1FK

REF	P/N	FUNCTION	MFR	SUPPLIER ¹
U1	80C32	8 BIT uP	Maxim, Phillips, Siemens	Arrow ² , Digi-Key ³ , Futurlec ⁴
U2	74HC573	Latch	Various	Mouser ⁵ , Digi-Key Newark ⁶ , Arrow, Futurlec
U3	74HC138	Decoder	Various	Newark, Mouser, Digi-Key, Futurlec
U4	27C256	EPROM	Amtel, STM Microelect.	Mouser, Digi-Key, Newark, Futurlec
U5	6264LL AS6C6264A-70PCN	SRAM	Cypress Semi. Alliance Memory	Mouser, Jameco ⁷
U6	DS1285	Real time clock	Maxim, Dallas Semi	4Star Electronics ⁸
U7	ADC0848	A-D Converter	National Semi., Texas Instruments	Mouser, Newark, Arrow
U8	74HC573	Latch	Various	Mouser, Digi-Key, Futurlec
U9	27C64A	EPROM	Intel, STM Micro	Jameco
U10	ADSP2105KP-40	DSP processor	Analog Devices	Q Components ⁹
U11	TLC32041	CODEC	Texas Instruments	Q Components
U12	74HC74	D flip-flop	Various	Mouser, Digi-Key, Futurlec
U13	MC145170	PLL synthesizer	Motorola	Q Components
U14	MAX232	RS232 transceiver	Maxim	Mouser, Digi-Key, Futurlec
U15	74HC00	Quad NAND	Various	Mouser, Digi-Key, Newark, Futurlec
U16	74HC00	Quad NAND	Various	Mouser, Digi-Key, Avnet, Newark
U17	MC14077B	Quad EX NOR	Various	Arrow
U18	MC14077B	Quad EX NOR	Various	Arrow
U19	MC14093B	Quad NAND	Various	Newark
U20	82C55A	Peripheral interface	Intersil	Newark, Futurlec
U21	74HC154	4-16 decoder/demux	Various	Futurlec
U22	UCN5818A	Latched source driver	Allegro	Q Components
U23	ICL7660	CMOS voltage converter	Maxim, Exar	Mouser, Newark, Digi-Key, Future Electronics, Q-Components

¹ Suppliers with stock as of revision date.

² www.arrow.com

³ www.digikey.com

⁴ www.futurlec.com/

⁵ www.mouser.com

⁶ www.newark.com

⁷ www.jameco.com

⁸ www.4starelectronics.com

⁹ www.qcomponents.com