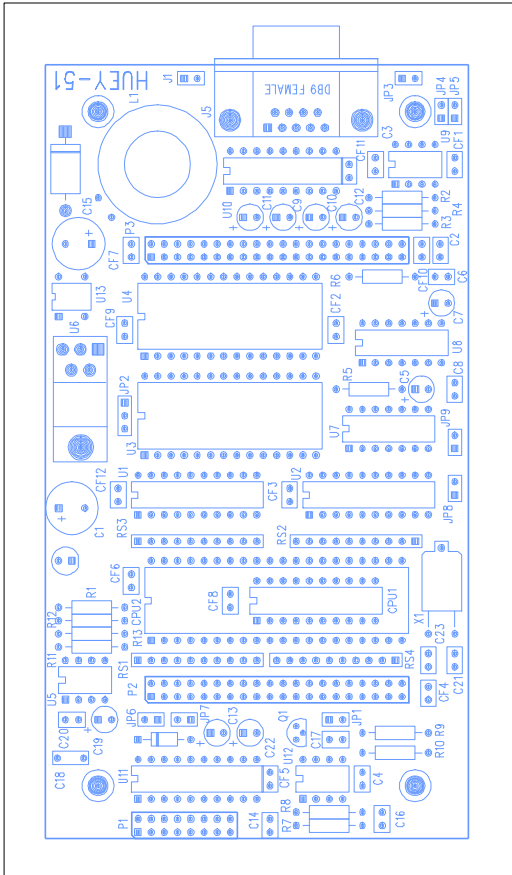


HUEY-51 Prototyping Board



Getting to market fast is the result of using this low cost 80C31/AT89C2051 prototyping PCB. The two board set contains all the necessary components and a generous prototyping area to allow it to adapt to any small controller project. The stackable prototype design provides unlimited space to work in. The board measures 3.5" by 6".

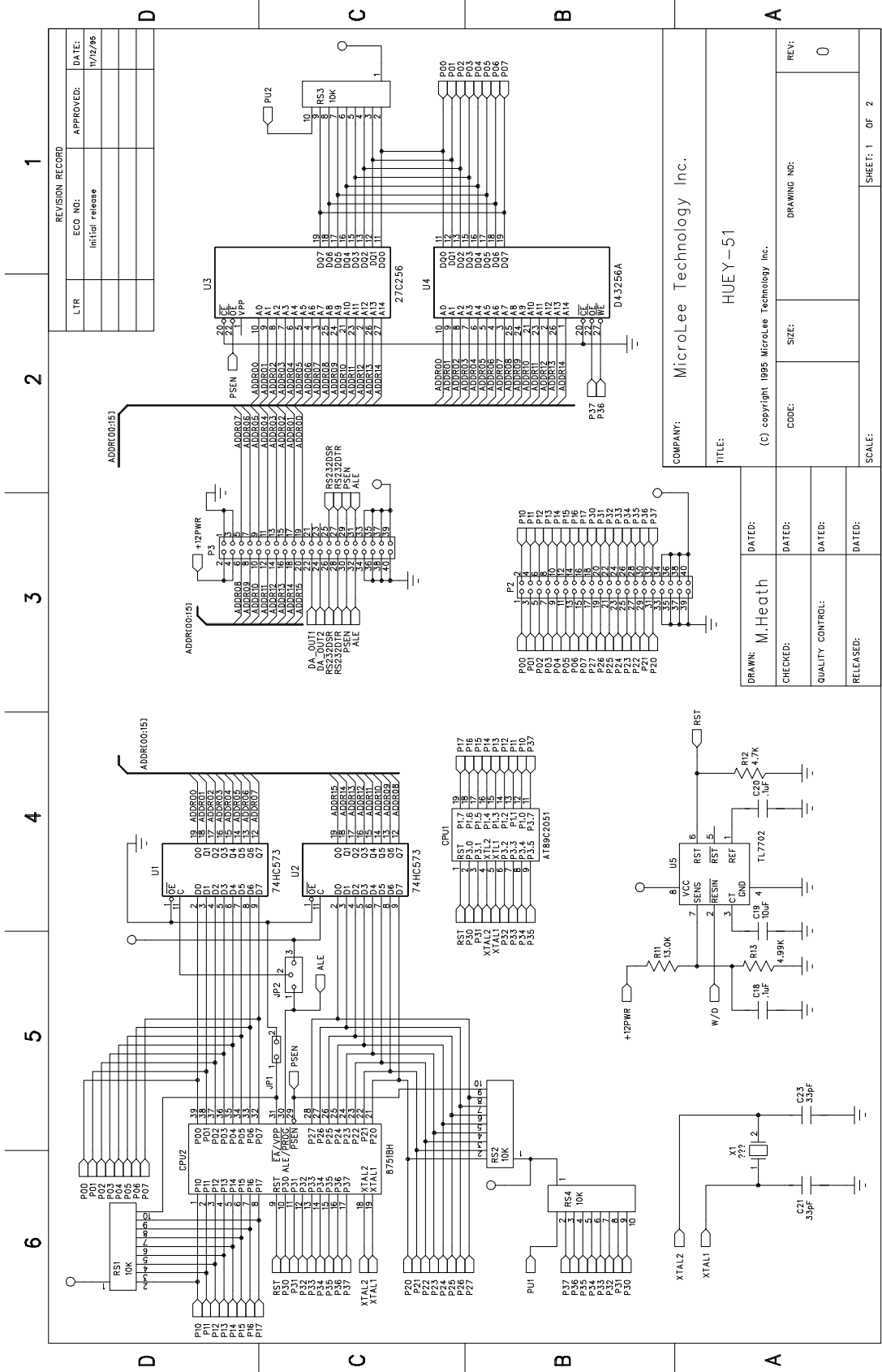
It's high quality... The PCB is made from .062 glass epoxy double sided (through hole design), has a solder mask and is silk-screened for easy identification of components.

The standard circuit contains connections to; 5 volt switching regulator for that extra power, power supply supervisor for a clean reset condition, watch dog, RS232, RS485, EEprom, 32K x 8 ram, 8 channel 10-bit A/D, MPU support for both the 80C32 and the new Atmel AT89C2051 chips and two 40-pin headers for off board connections. The 40-pin headers match the pinout and foot print of the LOAD-51 development board. This facilitates quick field installation of the original prototype.

Power requirements: Input voltages are dependent on several factors. Typical input voltages would be 10 to 24 volts AC/DC. The voltage level set at the reset logic will determine the lower limit of the input voltage (lowest voltage for regulator is 7volts). The high level input is limited by the regulator, input filter caps and the bridge rectifier.

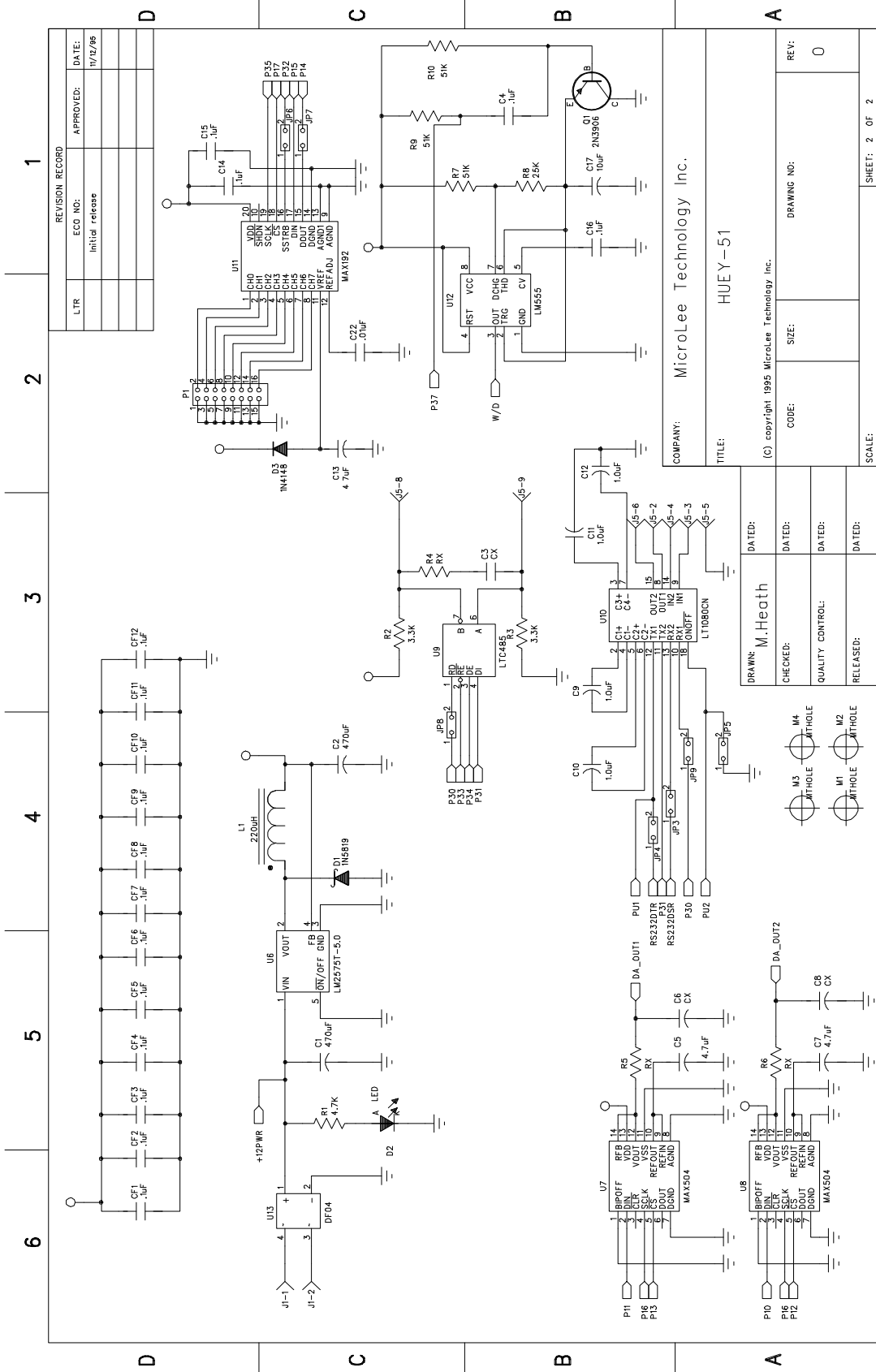
Operational temperature: All parts specified in this design can be purchased with the industrial temperature specification. Consumer parts are specified to operate over the temperature of 0°C to +70°C and the industrial parts over -40°C to +85°C.

The enclosed preliminary schematics are provided to you as samples of the complexity of the project. You should have a basic understanding of electronic circuits and some experience in building electronic kits. THIS INFORMATION IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. MICROLEE TECHNOLOGY INC. DISCLAIMS ALL WARRANTIES, EITHER EXPRESSED OR IMPLIED.



REVISION RECORD	
LTR	ECO NO:
	initial release
APPROVED:	DATE:
	W/02/96

COMPANY: MicroLee Technology Inc.	
TITLE: HUEY-51	
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CHECKED:	DATED:
QUALITY CONTROL:	DATED:
RELEASED:	DATED:
CODE:	SHEET:
DRAWING NO:	REV:
	0
SCALE:	SHEET: 1 OF 2



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Prov/State: _____ Prov/State: _____
Postal Code: _____ Postal Code: _____
Country: _____ Country: _____
Phone no.: _____
email address: _____

Quantity Ordered	Bare board type	Unit cost	Extended cost
	Huey-51 board set (1 proto, 1 Huey)	\$15.00US	
	Huey-51 board only (1-\$10, 2-\$15)		
	Proto board only (1-\$10, 2-\$15)		

SUBTOTAL

Shipments
USA \$7.00US up to 6 pieces SHIPPING

CANADIAN \$5.00US up to 6 pieces

International add sufficient funds

Canadian shipments add 7% GST GST

Ontario shipments add 8% PST PST

TOTAL