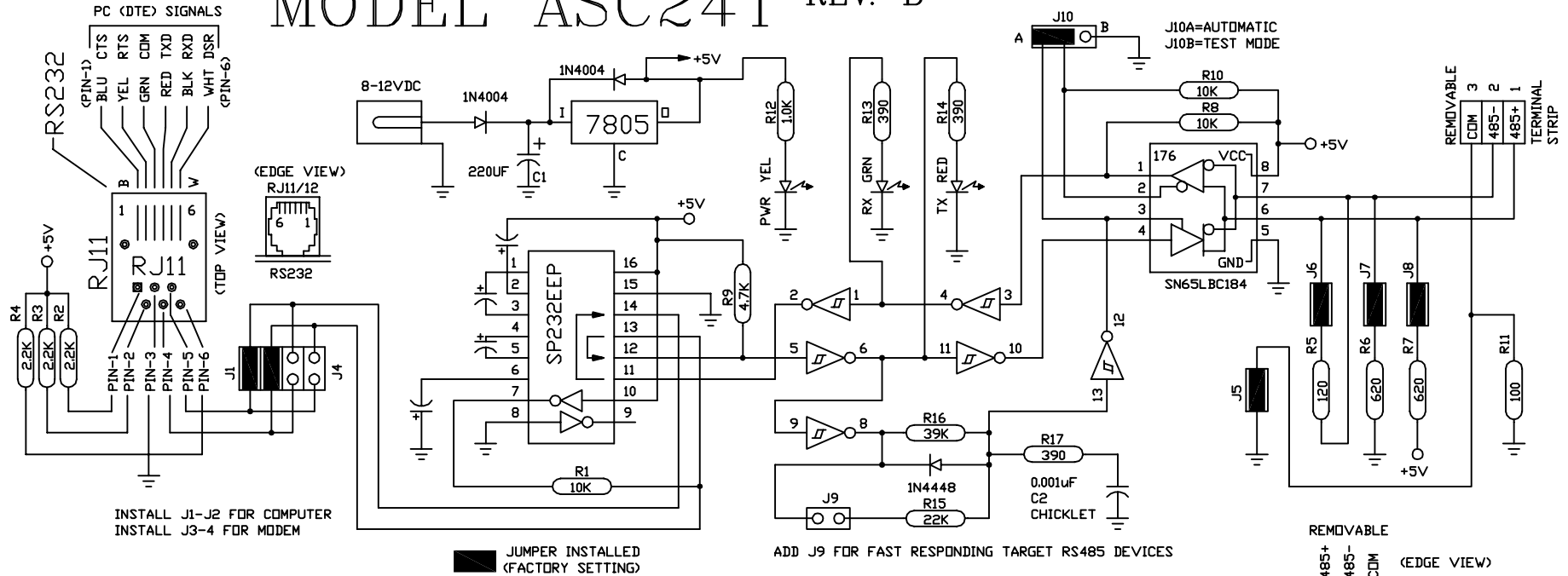


# MODEL ASC24T REV. B



## GENERAL INFO.

FAST AUTOMATIC AUTO TX-ENABLE RS232 TO RS485 CONVERTER FOR 2-WIRE APPLICATIONS AT BAUD RATES UP TO 115.2K. LEDs FOR POWER, TX DATA, AND RX DATA. ONBOARD BIAS AND TERMINATION WITH ONE-HALF UNIT LOAD TI SN65BLC184N DRIVER IC WITH SUPERIOR TRANSIENT PROTECTION. TEST MODE JUMPER, AND IMPROVED AUTO TRANSMIT ENABLE TIMING.

## SPECIFICATIONS

- 1) SIZE: 2.50" X 2.00" X 0.9" (PC BOARD)  
WITH CONNECTORS: 2.50" X 2.25"
- 2) MOUNTING HOLES: 4-PLACES  
2.00" X 1.50" (#6 HARDWARE)
- 3) TI SN65BLC184N RS485 DRIVER IC  
BUILT-IN TRANSIENT PROTECTION
- 4) TEMPERATURE RANGE: -40C TO +85C
- 5) HUMIDITY: 10-90% RH NON-CONDENSING
- 6) BAUD: 300-115.2K (LIMITED SLEW)
- 7) OPERATING VOLTAGE: 8-15VDC
- 8) TYPICAL POWER: UNDER 0.5W
- 9) HALF-DUPLEX 2-WIRE RS485

**RES**Smith  
 WWW.RS485.COM  
 4311 R. E. Smith Drive, Hamilton, Ohio 45011  
 513-874-4796

OPTIONAL ENCLOSURE,  
 CABLE (DB9F OR DB25F),  
 AND POWER SUPPLY  
 ARE AVAILABLE.

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SHEET 1 OF 1		DATE 3-16-04	FOR AUTOMATIC CONV.	
ASC24T		SCALE NONE	RES R. E. SMITH 4311 R. E. SMITH DRIVE HAMILTON, OHIO 45011	
CHKD. BY RES		DVG. NO. ASC24T		REV. B