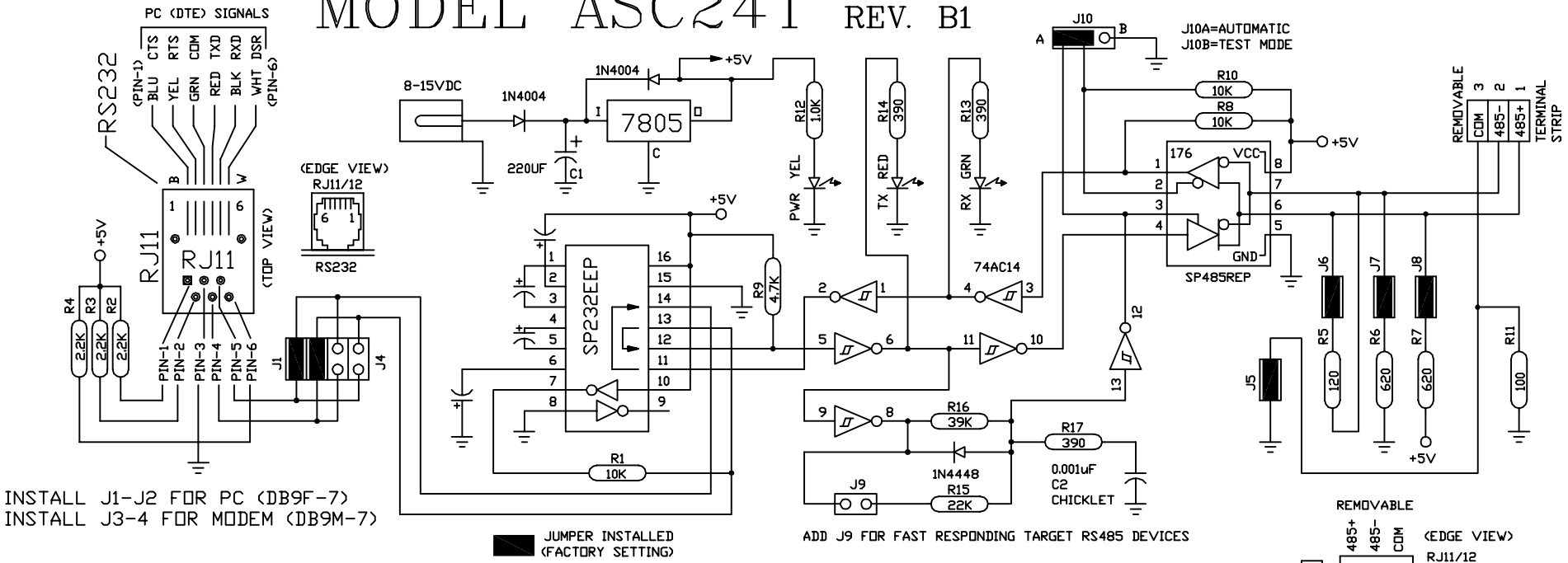
MODEL ASC24T REV. B1



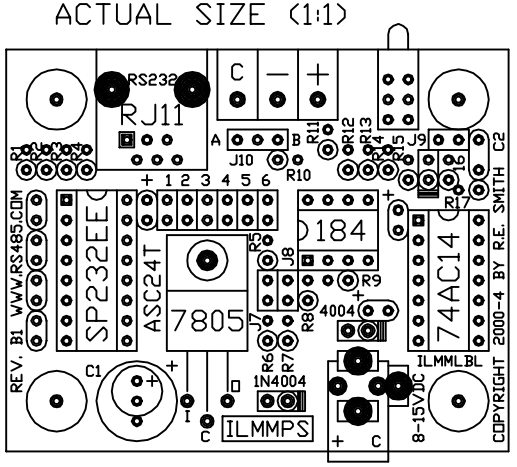
GENERAL INFO.

FAST AUTOMATIC TRANSMIT-ENABLE RS232 TO RS485 CONVERTER FOR 2-WIRE APPLICATIONS AT DATA RATES UP TO 115.2Kbps. LEDs FOR POWER, TX DATA, AND RX DATA. ONBOARD BIAS AND TERMINATION, WITH ONE-TENTH UNIT LOAD HIGH IMPEDANCE SIPEX SP485REP TRANSCEIVER WITH HIGH ESD TOLERANCE. 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) SIPEX SP485REP RS485 DRIVER IC WITH BUILT-IN ESD PROTECTION
4) TEMPERATURE RANGE: -40C TO +85C
5) HUMIDITY: 10-90% RH NON-CONDENSING
6) SPEED: UP TO 115.2Kbps @ 4000ft.
7) OPERATING VOLTAGE: 8-15VDC
8) TYPICAL POWER: UNDER 0.5W
9) HALF-DUPLEX 2-WIRE RS485

ACTUAL SIZE (1:1)



RESmith
WWW.RS485.COM
10330 CHESTER ROAD, CINCINNATI, OHIO 45215
513-874-4796

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

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DRAWN BY	RES
DATE	7-16-04
SCALE	NONE
CHKD. BY	RES
SHEET 1 OF 1	ASC24T

SUBJECT: RS232<=>RS485
FOR: AUTOMATIC CONV.

RES R. E. SMITH 4311 R. E. SMITH DRIVE WEST CHESTER, OHIO 45069

DWG. NO. ASC24T
REV. B1