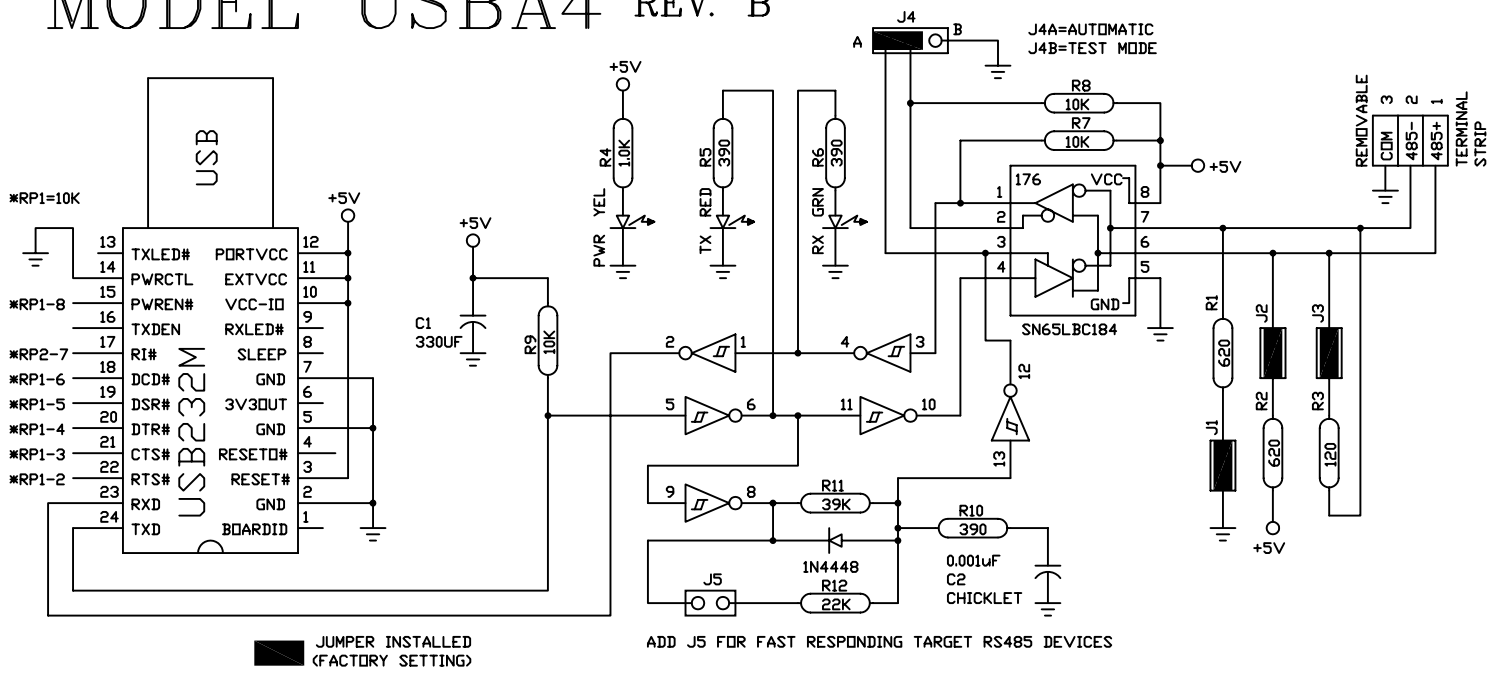
MODEL USBA4 REV. B



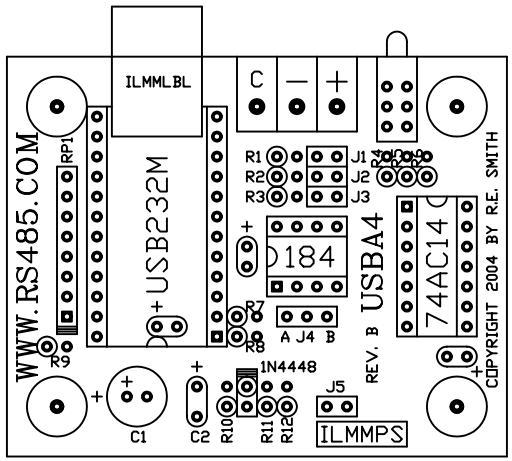
GENERAL INFO.

FAST AUTOMATIC AUTO TX-ENABLE USB TO RS485 CONVERTER FOR 2-WIRE APPLICATIONS AT BAUD RATES UP TO 230.4K. LEDs FOR POWER, TX DATA, AND RX DATA. ONBOARD BIAS AND TERMINATION WITH ONE-QUARTER 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 1.2" (PC BOARD) WITH CONNECTORS: 2.50" X 2.50"
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: 0C TO +70C
5) HUMIDITY: 10-90% RH NON-CONDENSING
6) BAUD: 300-230.4K (LIMITED SLEW)
7) SPECIAL UNITS TO 921.6KBPS
8) TYPICAL POWER: UNDER 0.5W
9) HALF-DUPLEX 2-WIRE RS485

ACTUAL SIZE (1:1)



RESmith
WWW.RS485.COM
4311 R. E. Smith Drive, West Chester, Ohio 45069
513-874-4796

www.rs485.com

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DRAWN BY	RES
DATE	7-16-46
SCALE	NONE
SHEET 1 OF 1	USBA4
CHKD. BY	RES

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

RES R. E. SMITH, 4311 R. E. SMITH DRIVE, HAMILTON, OHIO 45011
DWG. NO. USBA4
REV. B