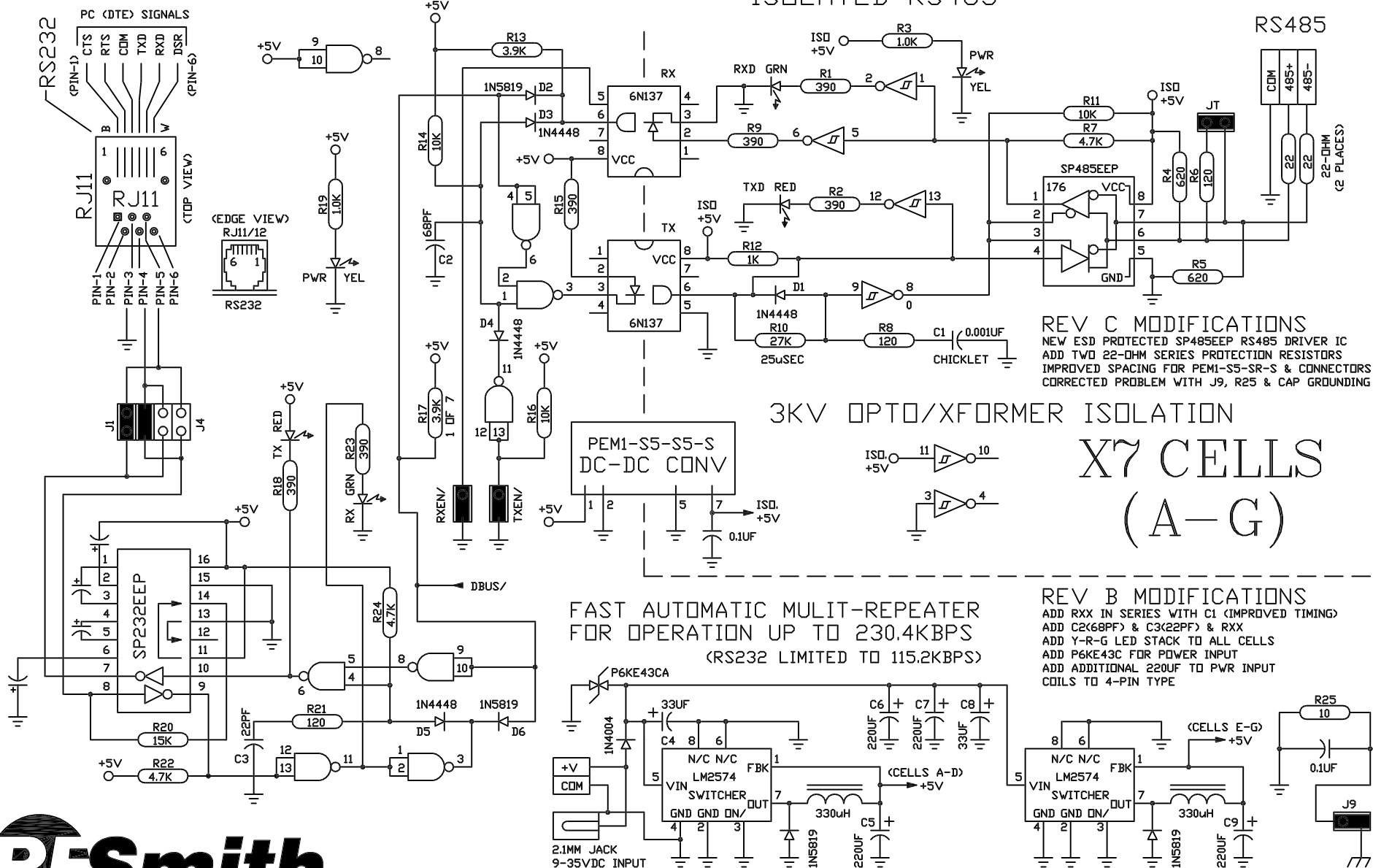


MODEL ICSX7HV REPEATER REV C

ISOLATED RS485



REV C MODIFICATIONS
 NEW ESD PROTECTED SP485EEP RS485 DRIVER IC
 ADD TWO 22-OHM SERIES PROTECTION RESISTORS
 IMPROVED SPACING FOR PEM1-S5-SR-S & CONNECTORS
 CORRECTED PROBLEM WITH J9, R25 & CAP GROUNDING

3KV OPTO/XFORMER ISOLATION

X7 CELLS
 (A-G)

FAST AUTOMATIC MULTIREPEATER
 FOR OPERATION UP TO 230.4KBPS
 (RS232 LIMITED TO 115.2KBPS)

REV B MODIFICATIONS
 ADD RXR IN SERIES WITH C1 (IMPROVED TIMING)
 ADD C2(68PF) & C3(22PF) & RXR
 ADD Y-R-G LED STACK TO ALL CELLS
 ADD P6KE43C FOR POWER INPUT
 ADD ADDITIONAL 220UF TO PWR INPUT
 COILS TO 4-PIN TYPE

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

OPERATING LIMITS:
 -40C/+85C OPERATING
 RH 10% to 90%
 NONCONDENSING

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DATE 10-13-14		FOR 3000VDC ISOLATED		
SCALE NONE		RES R. E. SMITH DVG. NO. ICSX7HV REV. C		
SHEET 1 OF 1		ICSX7HV		CHKD. BY RES