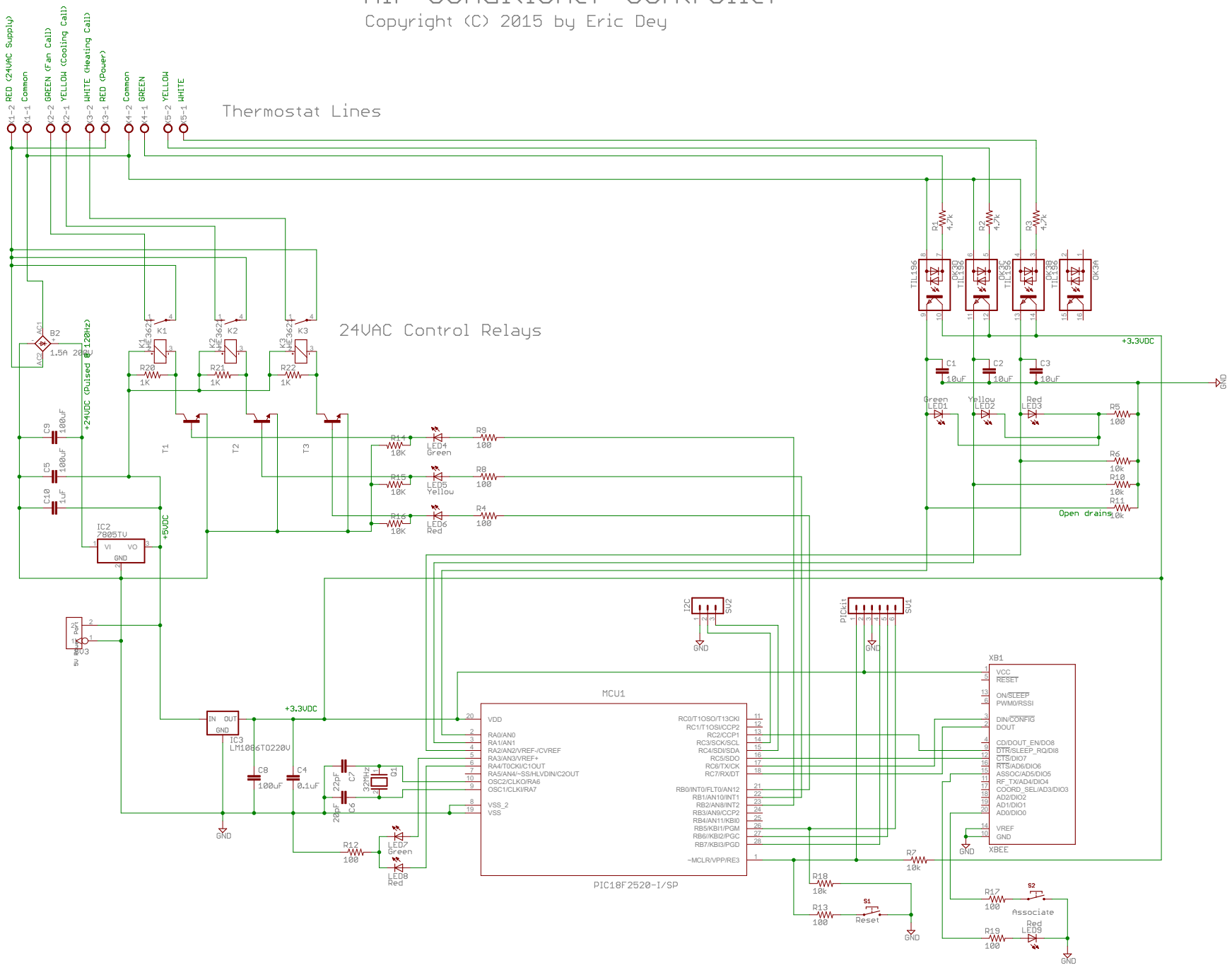


Air-Conditioner Controller

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Thermostat Lines

24VAC Control Relays

Open drain

PIC18F2520-1/SP

Associate

Reset

XBEE

MCU1

VDD	11	RC0/T10SD/T13CK1
RC1/T10SIC/CP2	12	
RAD/AN0	13	RC2/CCP1
RA1/AN1	14	RC3/SCK/ISCL
RA2/AN2/VREF-/CVREF	15	RC4/S/D/S/D/A
RA3/AN3/VREF+	16	RC5/S/D/O
RA4/T0CKI/O OUT	17	RC6/TX/CK
RA5/AN4-/SSHLV/DIV/C2OUT	18	RC7/RX/DT
OSC2/CLK/R6A6	19	
OSC1/CLK/R6A7	20	
VSS_2	21	RB0/INT0/FLT0/AN12
VSS	22	RB1/AN10/INT1
	23	RB2/AN11/INT2
	24	RB3/AN9/CCP2
	25	RB4/AN11/KB0
	26	RB5/KB1/P0M
	27	RB6/KB2/P0C
	28	RB7/KB3/P0D
	29	-MCLR/VPP/RE3