

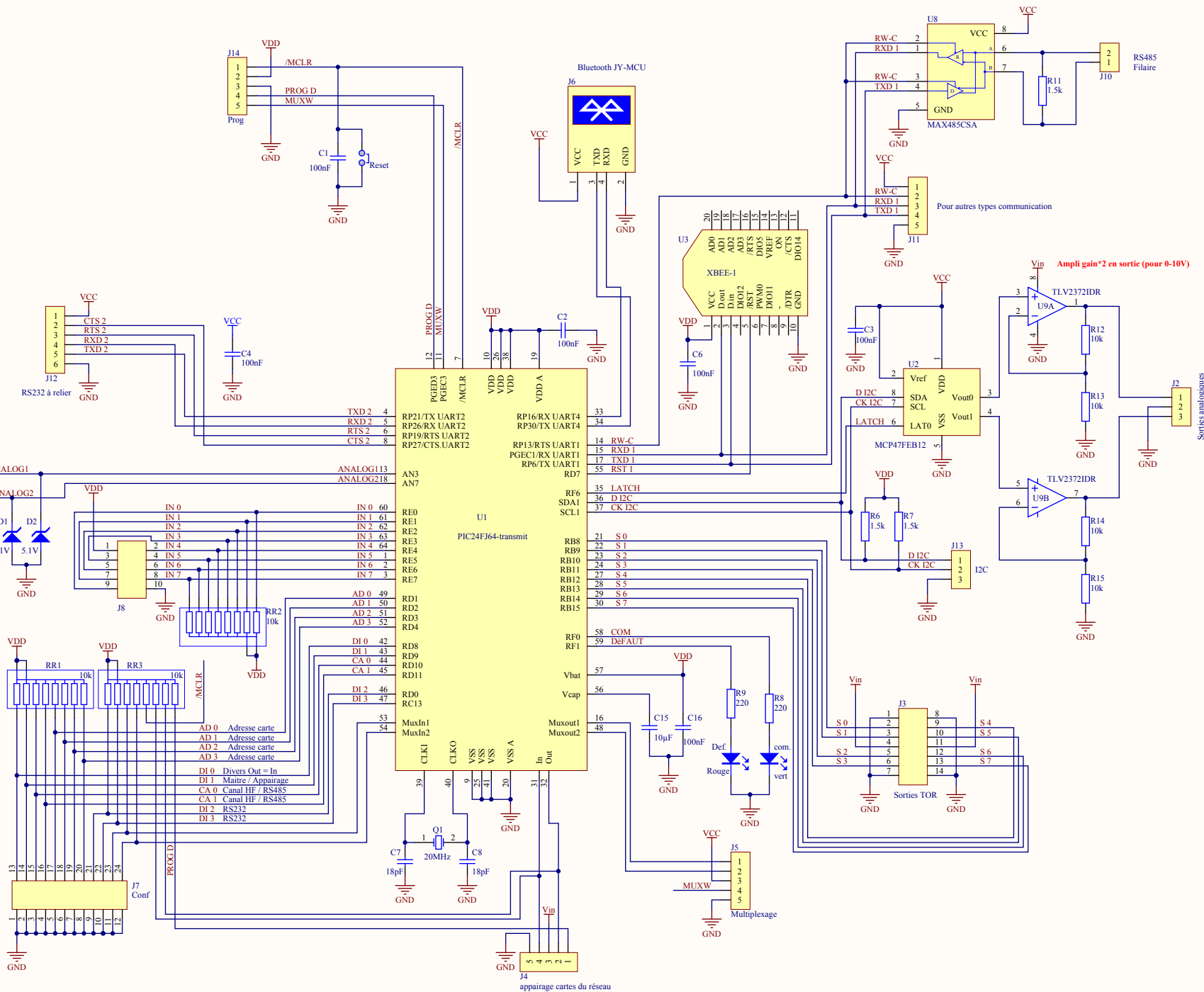
**Vin = 12V**  
**VCC = 5V**  
**VDD = 3.3V**

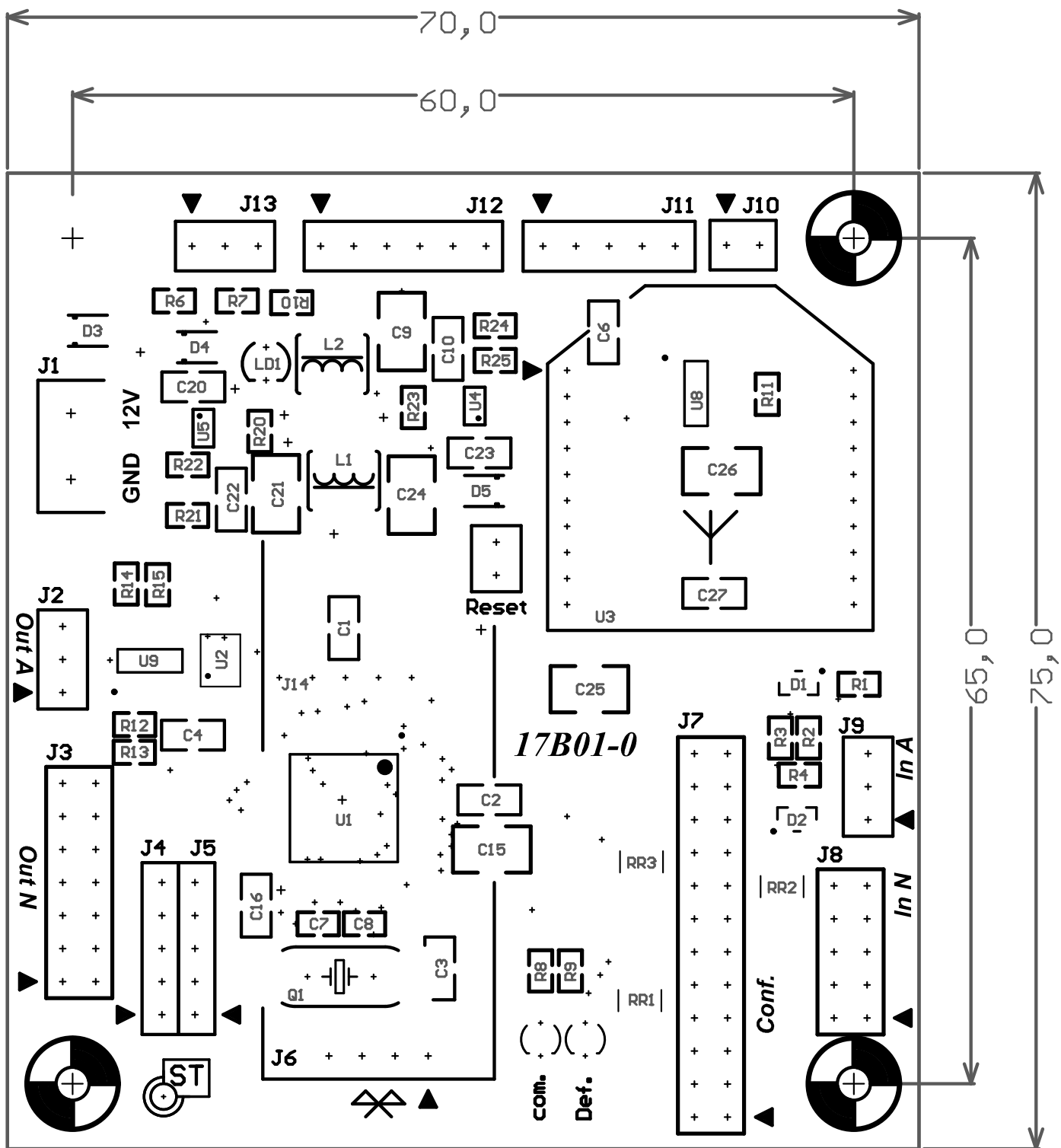
Entrées analogiques

Di3	Di2	J11
0	0	Débug / transmetteur de base
1	0	Transmission de la RS232
0	1	Pilotage externe (aduino/raspberry/µC....)

Ca1	Ca0	J11
0	0	Liaison RS485
1	0	Canal 1 XBEE
0	1	Canal 2 XBEE
1	1	Canal 3 XBEE





Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	[NoValue], [NoValue], [NoValue], [NoValue], Capacitor, [NoValue], [NoValue], Capacitor, [NoValue], Capacitor	C1, C2, C3, C4, C6, C10, C16, C20, C22, C23, C27	0805	cap 100nF, cap 100nF, cap 100nF, cap 100nF, cap 100nF, Cap, cap 100nF, cap 100nF, Cap, cap 100nF, Cap	11
Cap	Capacitor	C7, C8	0603	Cap	2
10µF	Polarized Capacitor (Radial), [NoValue], Polarized Capacitor (Radial), Polarized Capacitor (Radial), Polarized Capacitor (Radial), Polarized Capacitor (Radial), Polarized Capacitor (Radial)	C9, C15, C21, C24, C25, C26	1210	Cap Pol1, cap 100nF, Cap Pol1, Cap Pol1, Cap Pol1, Cap Pol1	6
vert		com.	LED-3MM	LED_3MM	1
5.1V		D1, D2	SOT-23_N	Diode Zener 3br	2
DFLS240L-7		D3, D4, D5	PowerDI-123	DIODE SCHOTTKY	3
Rouge		Def.	LED-3mm	LED_3MM	1
CON2		J1	CON2S_508	CON2	1
Sorties analogiques		J2	CON3_254	CON3	1
HE10_14		J3	HE10_14	HE10_14	1
CON5		J4, J5, J11	con5_254	CON5	3
Bluetooth JY-MCU		J6	Bluetooth JY-MCU	Bluetooth JY-MCU	1
Conf		J7	HE10_24	HE10_24	1
HE10_10		J8	HE10_10	HE10_10	1
Entrées analogiques		J9	CON3_254	CON3	1
CON2		J10	CON2_254	CON2	1
CON6		J12	con6_254	CON6	1
I2C		J13	con3_254	CON3	1
Prog		J14	CON5_254_1F	CON5	1
10µH		L1, L2	CMS-size 43	SELF-NOYEAU	2
Power		LD1	LED-3mm	LED_3MM	1
20MHz	Crystal Oscillator	Q1	XTAL1	XTAL	1
10k		R1, R2, R3, R4, R12, R13, R14, R15	0603	RES2	8
1.5k		R6, R7, R11	0603	RES2	3
220		R8, R9	0603	RES2	2
330		R10	0603	RES2	1
100k		R20, R21, R23, R24	0603	RES2	4
33k		R22	0603	RES2	1
19.1k		R25	0603	RES2	1
CONF_1		Reset	CON2_254	CONF_1	1
10k		RR1, RR2, RR3	rr8-10cms	RR8-10	3
PIC24FJ64-transmit		U1	TQFP64-P-1010-0.50-K_M	PIC24FJ64-transmit	1
MCP47FEB12		U2	TSSOP - 8	MCP47FEBxx	1
XBEE-1		U3	XBEE-1	XBEE-1	1
MP2459		U4, U5	sot23-6	MP2459	2
MAX485CSA	Low-Power, Slew-Rate-Limited RS-485/RS-422 Transceiver	U8	NSO8_N	MAX485CSA	1
TLV2372IDR		U9	NSO8_N	LF353	1