

IGN01A

Reference	Value	Footprint	Datasheet
C1	100nF	Capacitors_SMD:C_0805_HandSoldering	
C2	100nF	Capacitors_SMD:C_0805_HandSoldering	
C3	22uF/6.3V	Capacitors_SMD:C_0805_HandSoldering	
C4	100nF	Capacitors_SMD:C_0805_HandSoldering	
C5	10uF	Capacitors_SMD:C_0805_HandSoldering	
C6	100nF	Capacitors_SMD:C_0805_HandSoldering	
C7	100nF	Capacitors_SMD:C_0805_HandSoldering	
D1	1N4007	Capacitors_SMD:C_0805_HandSoldering	
IC1	ATMEGA328-A	Housings_QFP:TQFP-32_7x7mm_Pitch0.8mm	
J1	PWR	Mlab_Pin_Headers:Angled_1x02	
J2	IGN	Mlab_Pin_Headers:Angled_1x02	
J3	HEADER_1x09	Mlab_Pin_Headers:Angled_1x09	
J5	ISP	Mlab_Pin_Headers:Straight_2x03	
L1	10uH	Capacitors_SMD:C_0805_HandSoldering	
Q1	IRF7413ZPBF	Housings_SOIC:SOIJ-8_5.3x5.3mm_Pitch1.27mm	
R1	10k	Capacitors_SMD:C_0805_HandSoldering	
R2	10k	Capacitors_SMD:C_0805_HandSoldering	
R3	10k	Capacitors_SMD:C_0805_HandSoldering	
R4	10k	Capacitors_SMD:C_0805_HandSoldering	
R5	10k	Capacitors_SMD:C_0805_HandSoldering	
R6		0 Capacitors_SMD:C_1206_HandSoldering	
R7		0 Capacitors_SMD:C_1206_HandSoldering	
R8		0 Capacitors_SMD:C_1206_HandSoldering	
U1	MPL3115A2	SMD_fork:LGA-MPL3115A	