## **CHIP NET ARDUINO UNO**

Rev. A

2017/5/28

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Component	Qty	Value	Part Description	Manufacturer	Part Number	Buy from	Order Code
PCB	1		2-layer FR4, mask, silkscr., RoHS				
U1	1		A5191HRT				
U2	1		XTR116U				
U3	1		TL082				
U4	1		ARDUINO UNO				
U5	1		TL431				
X1	1	460.8KHz	Crystal				
D1,D3	2	1N4148					
D2	1	1N4753A					
FB1-3	3						
R1,R22	2	1K	Resistor, 1%,				
R2,R9	2	0R	Resistor, 1%,				
R3-5,R20	4	200K	Resistor, 1%,				
R6-8,R10	4	100K	Resistor, 1%,				
R11	1	0R	Resistor, 1%, (DNP)				
R12	1	20K	Resistor, 1%,				
R13	1	215K	Resistor, 1%,				
R14,R21	2	499K	Resistor, 1%,				
R15	1	50K	Resistor, 1%,				
R16	1	422K	Resistor, 1%,				
R17	1	3M	Resistor, 1%,				
R18,R25	2	14.7K	Resistor, 1%,				
R19	1	787K					
R23-24	2	215K					
C1,C3-5,C9-10,C14	7	0.1uF	Capacitor ceramic,				
C2,C7	2	220pF	Capacitor ceramic,				
C8	1	10uF	Capacitor ceramic, 50V, (DNP)				
C11	1	470nF	Capacitor ceramic,				
C12-13	2	1nF	Capacitor ceramic,				
C15	3	470pF	Capacitor ceramic,				
TP1-10	10		HK-5-G-B				