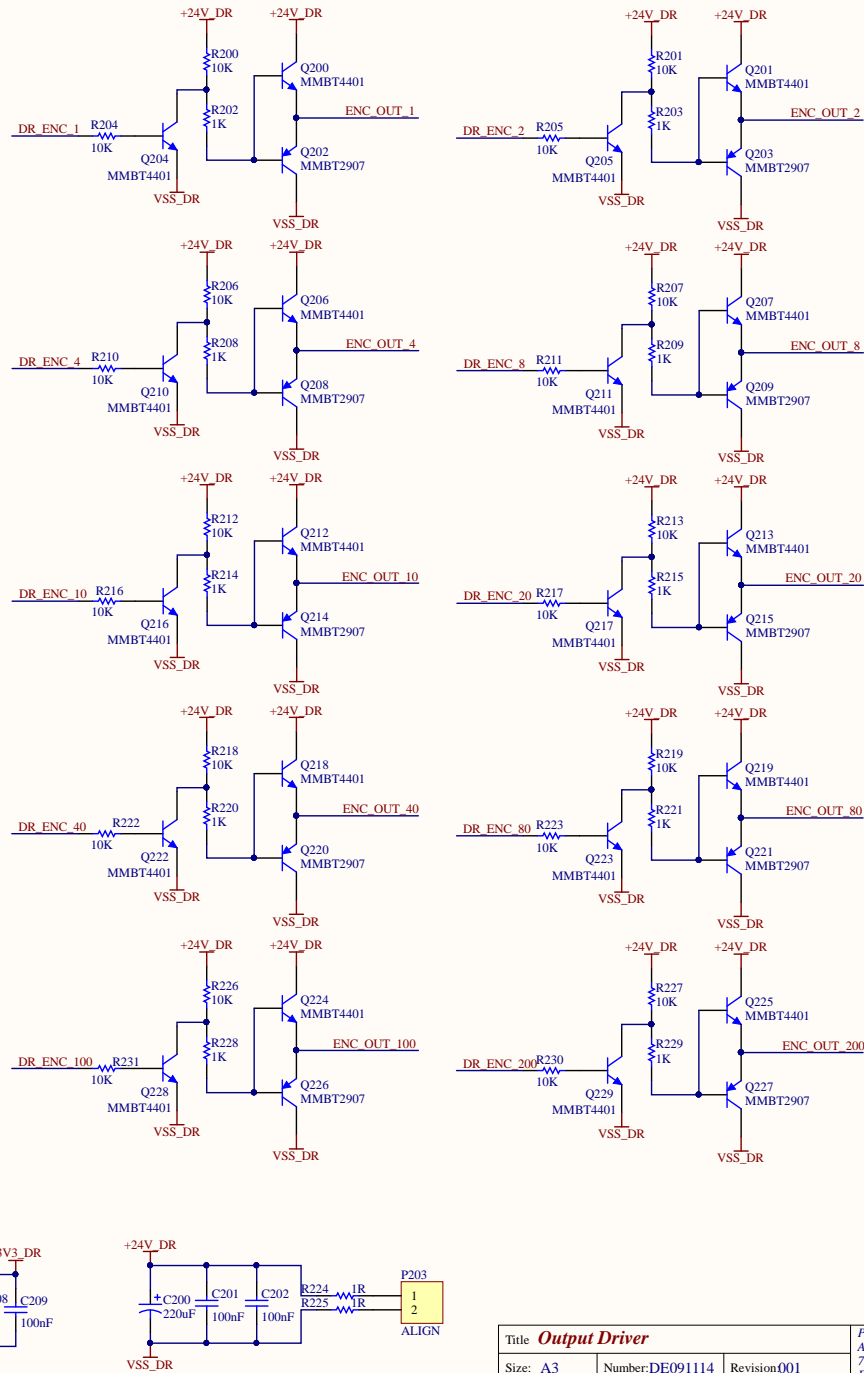
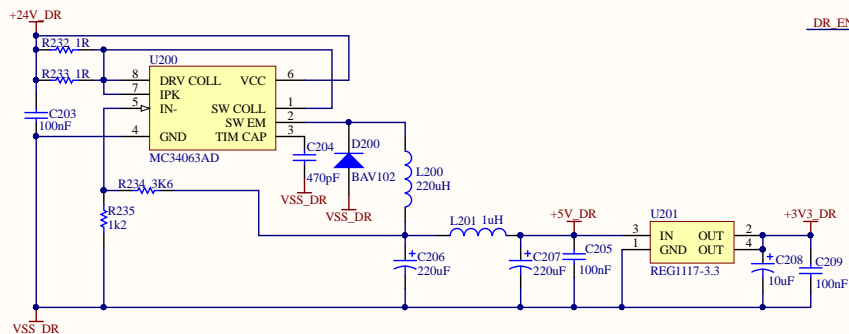
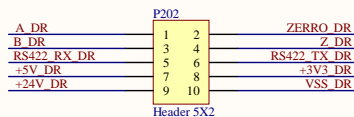
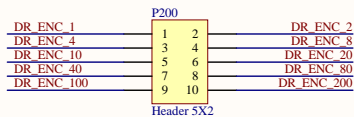
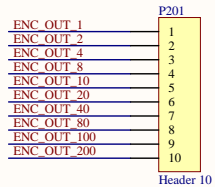
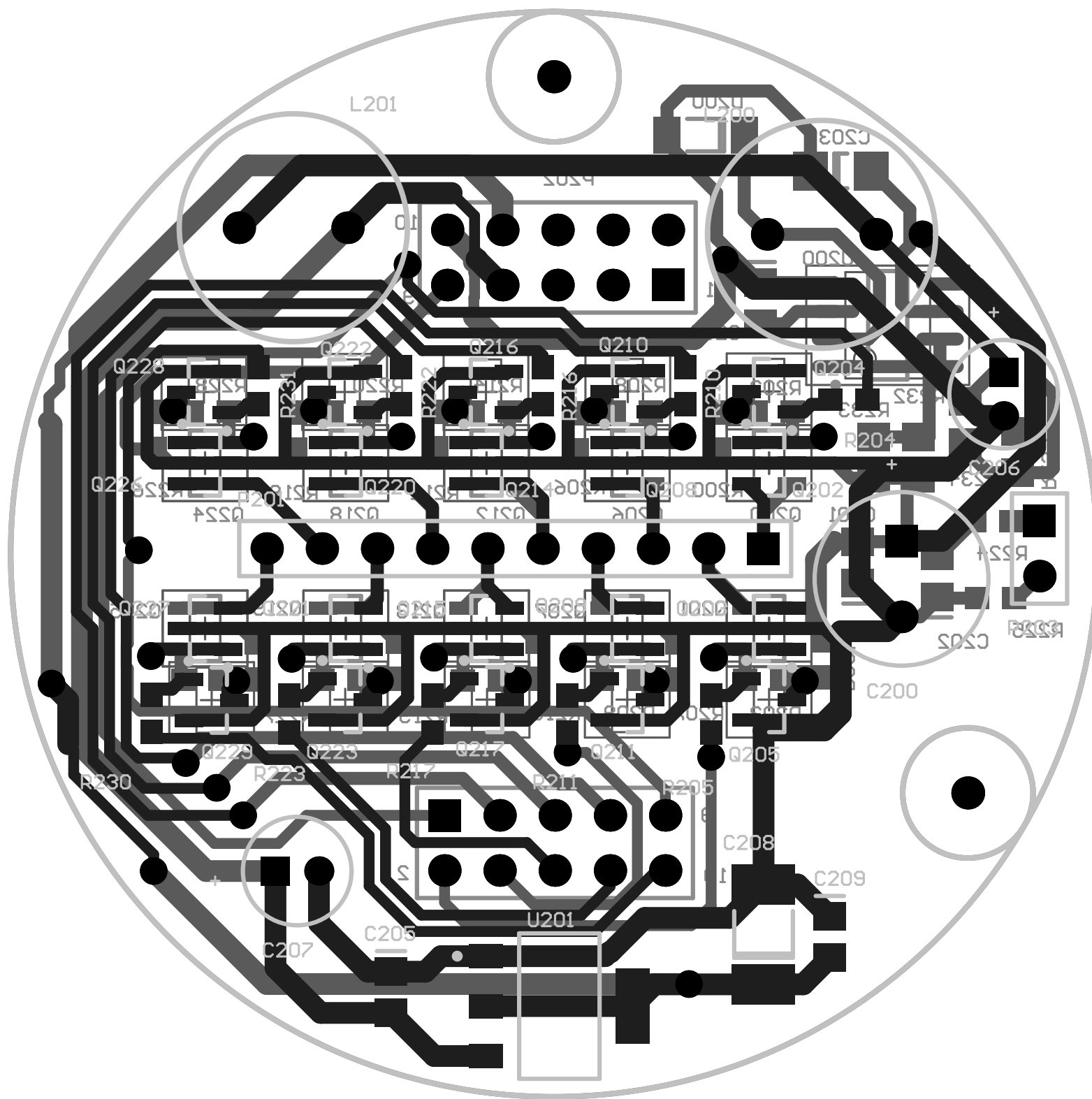
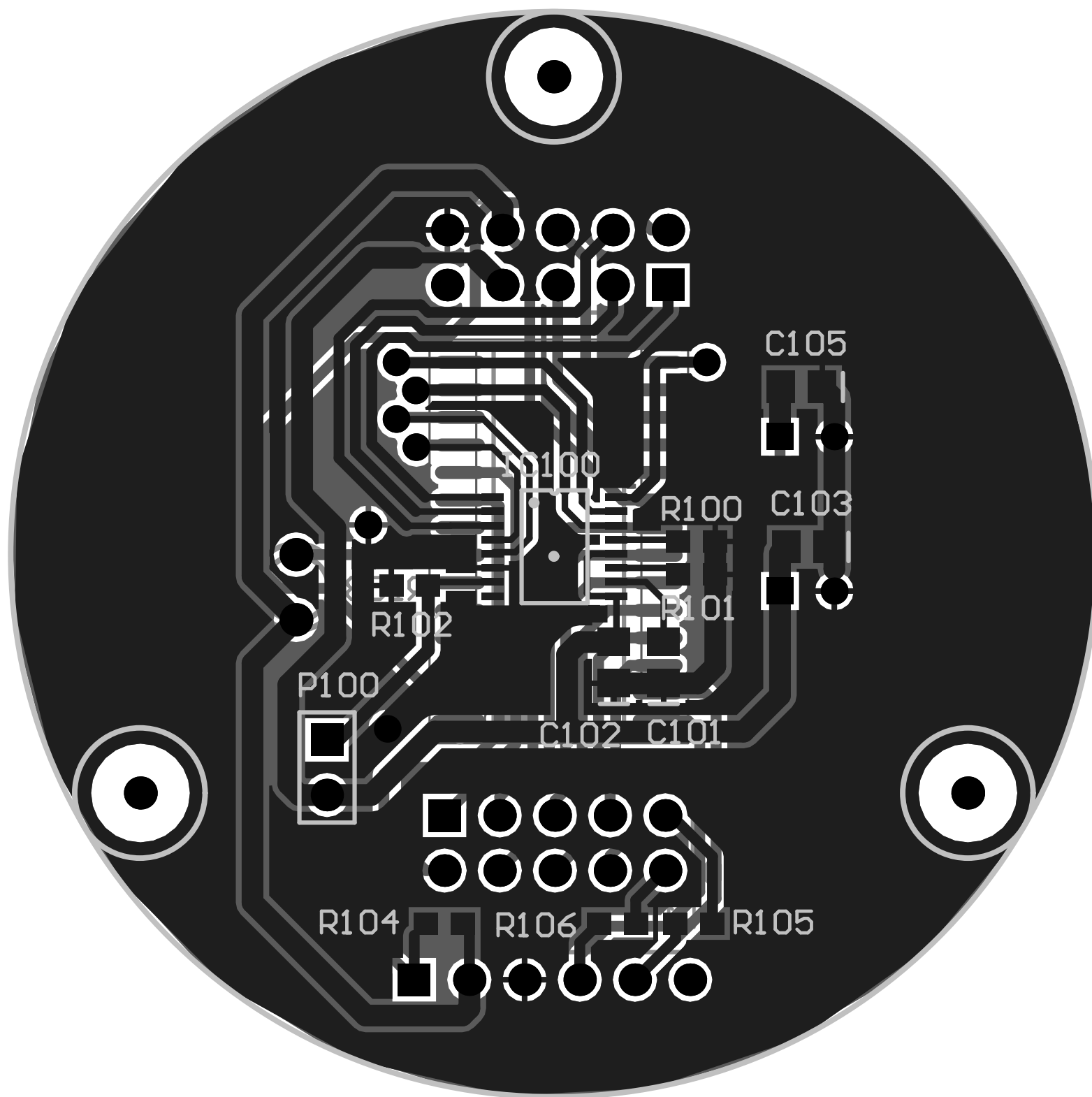


Title Sensor			PROVEN d.o.o. Adema Buče 102 71000 Sarajevo Federacija BiH Bosna i Hercegovina	
Size: A4	Number: DE091114	Revision: 001		
Date: 14.5.2018.	Time: 03:26:05	Sheet 1 of 2		
File: C:\Users\eldar\Desktop\Apsolutni enkoder\hw\DE-091114\SENSOR.SchDoc				







Bill of Materials

Output Driver

Source Data From:DE-091114.PrjPcb

Project:DE-091114.PrjPcb

Variant:None

Creation Date:14.5.2018.03:26:11

Print Date:4323443234,14324

Footprint	Comment	LibRef	Designator	Description	Quantity
C	10uF	94SC106X0016 CBP	C100, C104	Solid Aluminum Capacitor with Organic Semiconductor Electrolyte: 10uF, 16V, Bulk Pack	2
0805		C0805	C101, C102, C103, C105, C201, C202, C204, C205, C209	Ceramic Chip Capacitor - Standard	9
E	220uF	94SS107X0020 BP	C200	Solid Aluminum Capacitor with Organic Semiconductor Electrolyte: 100uF, 20V, Bulk Pack	1
1206		C1206	C203	Ceramic Chip Capacitor - Standard	1
CAPPR2-5X11	220uF	EKA00AA322C0	C206, C207	Aluminum Electrolytic Capacitor, Radial Style with Long Leads: 220uF, 10V	2
49BC-C	10uF	49BC685B010M	C208	Conformal Coated Solid Tantalum Chip Capacitor: 6.8uF, 20% Tolerance, 10 WVDC @ -55°C to +85°C, Surge= 13V	1
LED 3mm	STATUS	LED 3mm yellow	D100	LED dioda 3 mm	1
SOD80C	BAV102	BAV102	D200	General-purpose Diode	1
TSSOP16	AEAT-6600	AEAT-6600	IC100	Absolute encoder IC	1
RB5-10.5		PCMC063T-R82MN	L200, L201	SMT Power Choke Coil; Size 7.3x6.6x3.0mm, ±20% Tolerance 0.82uH, 13A	2
HDR1X2	ALIGN	Header 2	P100, P203	Header, 2-Pin	2
HDR2X5	Header 5X2	Header 5X2	P101, P103, P200, P202	Header, 5-Pin, Dual row	4
HDR1X6	Header 6	Header 6	P102	Header, 6-Pin	1
HDR1X10	Header 10	Header 10	P201	Header, 10-Pin	1
SOT23_N	MMBT4401	BC817-16	Q200, Q201, Q204, Q205, Q206, Q207, Q210, Q211, Q212, Q213, Q216, Q217, Q218, Q219, Q222, Q223, Q224, Q225, Q228, Q229	NPN General-purpose Transistor	20
SOT23_N	MMBT2907	BC807-16	Q202, Q203, Q208, Q209, Q214, Q215, Q220, Q221, Q226, Q227	PNP General-purpose Transistor	10
ERA-0603	10K	ERAV	R100, R101, R102, R104, R105, R106, R200, R201, R204, R205, R206, R207, R210, R211, R212, R213, R216, R217, R218, R219, R222, R223, R226, R227, R230, R231	Metal Film Thermosensitive Chip Resistor 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	26
ERA-0603	330R	ERAV	R103	Metal Film Thermosensitive Chip Resistor 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	1
ERA-0603	1K	ERAV	R202, R203, R208, R209, R214, R215, R220, R221, R228, R229	Metal Film Thermosensitive Chip Resistor 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	10
ERA-0603	1R	ERAV	R224, R225	Metal Film Thermosensitive Chip Resistor 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0603 Size, 0.063 W	2
ERA-0805	1R	ERAS	R232, R233	Metal Film Thermosensitive Chip Resistor 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0805 Size, 0.1 W	2
ERA-0805	3K6	ERAS	R234	Metal Film Thermosensitive Chip Resistor 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0805 Size, 0.1 W	1
ERA-0805	1k2	ERAS	R235	Metal Film Thermosensitive Chip Resistor 0.56 Ohm to 10k Ohm Range, 5% Tolerance, 0805 Size, 0.1 W	1
SOIC-SO28_N	PIC18F23K20-I/SO	PIC18F23K20-I/SO	U100	Flash Microcontroller with nanoWatt XLP Technology, 28-pin SOIC, Industrial Temperature	1
751-05_N ZZ311	MC34063AD REG1117-3.3	MC34063AD REG1117-3.3	U200 U201	DC-to-DC Converter Control Circuit 800mA and 1A Low Dropout Positive Regulator 2.85V, 3.3V, 5V, and Adjustable	1 1
					105

Approved

Notes