

## controller\_board

Title  
Revision  
Date  
Generated Mon 11 Jun 2018 11:26:37 AM EDT  
Company  
Comment 1  
Comment 2  
Comment 3  
Comment 4  
Total Parts 23  
Total Unique Parts 11

#	Ref	Qty	Value
1	C2 C4	2	0.1uF
2	C3	1	5ZLH100MEFC6.3X11
3	D1 D2 D3 D4	4	GRN
4	DS1	1	OLED_GENERIC_SSD1305_20PIN_128x64
5	ENC1	1	EC11K1524406
6	J1	1	RJHSE-5080
7	R1 R2 R3 R4 R5	5	10.0k
8	R6 R7 R8 R9	4	120
9	R10	1	0
10	R11 R12	2	DNP
11	U1	1	AZ1117CH-3_3TRG1

BOM made with KICAD\_BOM\_WIZARD (<https://github.com/HashDefineElectronics/KiCad>)  
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Manufacturer Part Number	Footprint
C2012X7R2A104K125AA	Capacitors_SMD:C_0805_HandSoldering
5ZLH100MEFC6.3X11	Capacitors_ThroughHole:C_Radial_D6.3_L11.2_P2.5
LTST-C171GKT	LEDs:LED_0805
2719	USER_DISPLAYS:128x64_OLED_20PIN_HORIZONT
PEC11L-4220F-S0015	USER_MECHANICAL_OTHER:EC11K1524406
RJHSE-5080	USER_CONNECTORS:RJHSE-5080
RR1220P-103-D	Resistors_SMD:R_0805_HandSoldering
RR1220P-121-D	Resistors_SMD:R_0805_HandSoldering
CRCW08050000Z0EA	Resistors_SMD:R_0805_HandSoldering
N/A	Resistors_SMD:R_0805_HandSoldering
AZ1117EH-3.3TRG1	digikey-footprints:SOT-223

d\_BOM\_Wizard.git)

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Datasheet	Category
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AL

<https://www.diodes.com/assets/Datasheets/AZ1117C.pdf> Integrated Circuits (ICs)

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DK\_Datasheet\_Link

<https://www.diodes.com/assets/Datasheets/AZ1117C.pdf>

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DK\_Detail\_Page

/product-detail/en/diodes-incorporated/AZ1117CH-3.3TRG1/AZ1117CH-3.3TRG1DICT-ND/450520

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Description	Digi-Key_PN	Family
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IC REG LIN POS ADJ 800MA SOT223 AZ1117CH-3.3TRG1DICT-ND PMIC - Voltage Regulators - Linear

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Field4	MPN	Manufacturer
100uF 35V		

AZ1117CH-3.3TRG1 Diodes Incorporated