

# Bill of Material

Copy of Bill of Materials For BOM Document [Heated\_Dispenser.BomDoc]

Source Data From:

Project:

Assembly PCB:

Variant:

Heated\_Dispenser.BomDoc

Heated\_Dispenser.PrjPCB

1051.00035.00\_1

A.2

None



Report Date: 9/29/2017 12:08:40 AM

Print Date: 29-Sep-17 12:09:20 AM

Number	LibRef	Comment	Footprint	Value	Designator	Description	Quantity	Supplier 1	Supplier Part Number 1	Manufacturer 1	Manufacturer Part Number 1	
1	CMP-08731-A.2	CAP 4.7uF 50V 1206(3216)	C1206	4.7uF	C1	CAP 4.7uF 50V ±20% 1206 (3216 Metric) Thickness 1.9mm SMD	1	Future Electronics	1068053	Kyocera AVX	12065C475KAT2A	
2	CMP-08248-A.2	CAP 10uF 6.3V 0805(2012)	C0805	10uF	C2	CAP 10uF 6.3V ±20% 0805 (2012 Metric) Thickness 1.45mm SMD	1	Future Electronics	6025269	Kyocera AVX	08056C106KAT2A	
3	CMP-08452-A.2	CAP 100nF 50V 0805(2012)	C0805	100nF	C3, C4, C5, C6, C7, C8	CAP 100nF 50V ±20% 0805 (2012 Metric) Thickness 1mm SMD	6	Avnet	08055C104JAT2A/BKN	Kyocera AVX	08055C104JAT2A	
4	CMP-00025-A.2	NS25-W4P	WF-04S		CN1	NS25 Series, 4-Pin, PCB Mount, 2.54 mm Pitch, Straight	1					
5	CMP-00219-A.2	S1G	SMA		D1	General Purpose Rectifiers 400V, 1A	1	Digi-Key	S1GF5CT-ND	Fairchild/ON Semiconductor	S1G	
6	CMP-09212-A.3	1051.00035.00_0-A.1	PCB_rev		PCB1	Blank PCB	1					
7	CMP-10279-A.2	BC847BLT1	SO-G3_C2.5		Q1, Q2	General Purpose Transistor NPN Silicon	2	Allied Electronics	70099492	ON Semiconductor	BC847BLT1G	
8	CMP-1058-00308-1	NTD4906NT4G	ONSC-DPAK-3-369AA-01_V		Q3	Power MOSFET, 30 V, 54 A, Single N-Channel, 3-Pin DPAK, Pb-Free, Tape and Reel	1	Mouser	863-NTD4906NT4G	ON Semiconductor	NTD4906NT4G	
9	CMP-03297-A.3	10k 5% 0805(2012)	R0805	10k	R1, R4, R7, R9	10k 0.125W 5% 0805 (2012 Metric) SMD	4	Future Electronics	1234418	Yageo	RC0805JR-0710KL	
10	CMP-03281-A.3	2k2 5% 0805(2012)	R0805	2k2	R2, R5	2k2 0.125W 5% 0805 (2012 Metric) SMD	2	Future Electronics	1125574	Yageo	RC0805JR-072K2L	
11	CMP-05197-A.3	1k 5% 1206(3216)	R1206	1k	R3, R6	1k 0.25W 5% 1206 (3216 Metric) SMD	2	Allied Electronics	70155544	Bourns	CAT16-102J4LF	
12	CMP-03709-A.3	1k 1% 0805(2012)	R0805	1k	R8	1k 0.125W 1% 0805 (2012 Metric) SMD	1	Mouser	603-RC0805FR-071KL	Yageo	RC0805FR-071KL	
13	CMP-0244-00125-1	LD1086DT33TR	TO-252_L		U1	1.5A, Low Drop Positive Voltage Regulator, 3.3V, 3-Pin DPAK, Tape and Reel	1	New ark	45Y5355	STMicroelectronics	LD1086DT33TR	
14	CMP-0304-00039-2	STM32F030F4P6	STM-TSSOP20_L		U2	ARM Cortex-M0 32-bit MCU, 16 KB Flash, 4 KB Internal RAM, 15 I/Os, 20-pin TSSOP, -40 to 85 degC, Tube	1	Mouser	511-STM32F030F4P6	STMicroelectronics	STM32F030F4P6	
15	CMP-10484-A.1	SS351AT	SO-G3_C2.5		U3, U4	Omniplar Hall-Effect Switch	2	New ark	88W1083	Honeywell Sensing & Control	SS551AT	
<b>Total Quantity</b>							<b>27</b>					

Approved

Notes