

The image shows a detailed schematic of a printed circuit board (PCB) layout. The board is populated with various electronic components, including transistors, resistors, capacitors, integrated circuits, and diodes. The components are labeled with their respective symbols and values.

Components and Labels:

- Q1:** A transistor symbol located in the upper left quadrant.
- R3, R5, R6:** Resistor symbols located in the upper and middle sections.
- C1, C2, C3, C4, C5, C6, C7:** Capacitor symbols located throughout the board, including a large one in the upper center.
- U1, U2, U3, U4:** Integrated circuit (IC) symbols located in the center and lower sections.
- D1, D2:** Diode symbols located in the middle right section.

The layout includes a large rectangular component at the top, a central vertical strip of components, and a bottom section with multiple components. The components are labeled with their respective symbols and values.

Source Data From:
Project:
Variant:

<u>catbuster.PrjPcb</u>
<u>catbuster.PrjPcb</u>
None



			Report Date: 13-Oct-2016	13:36:31						Think it, Design it, Build it™
			Print Date: 13-Oct-16	1:36:32 PM						
Description	Footprint	Quantity	Designator	Column Name Error:Manufacturer	Column Name Error:Manufacturer1	Pin Name Error:Unit	Column Name Error:Manufacturer	Column Name Error:Manufacturer2	Pin Name Error:Unit	Total Price (\$)
WCAP-ATG8 Aluminum Electrolytic Capacitors , 100 µF, + / - 20%; 35 V , 6.3 x 11	WCAP-ATG8 6.3x11x2.5x0.5	2	C1, C4							0
WCAP-ATG8 Aluminum Electrolytic Capacitors , 0.10 µF, + / - 20%; 63 V , 5 x 11	WCAP-ATG8 5x11x2x0.5	4	C2, C3, C6, C7							0
WCAP-ATG8 Aluminum Electrolytic Capacitors , 10 µF, + / - 20%; 35 V , 5 x 11	WCAP-ATG8 5x11x2x0.5	2	C5, C8							0
THT LED round mono-color waterclear, WL-TMRW, Red	Type 5mm	1	D1							0
THT LED round mono-color waterclear, WL-TMRW, Yellow	Type 5mm	1	D2							0
Horizontal Cable Entry with Rising Cage Clamp, Serie 2425 - 5.08 mm	691242510008	1	J1							0
N-Channel MOSFET	DIP-4	1	Q1							0
Resistor	AXIAL-0.3	6	R1, R2, R3, R4, R5, R6							0
Positive Voltage Regulator, 12V, 3-Pin TO-220	TO220	1	U1							0
Positive Voltage Regulator, 5V, 3-Pin TO-220	TO220	1	U2							0
1.5A Dual High-Speed Power MOSFET Driver, Inverting, Commercial Temperature	PDP300-PA8	1	U3							0
FLASH-Based 8-Bit CMOS Microcontroller, 10-Bit A/D, 8-Pin PDIP, Industrial Temperature	PDP300-P8	1	U4							0
TOTAL PRICE										0,000