

# Bill Of Materials For Payload Module: FastAcc Design Title : Payload Module: FastAcc Author : Matt Bennett Revision : 1.1 Design Created : 30 November 2010 Design Last Modified : 05 October 2011 Total Parts In Design : 28

## 2 Resistors

Quantity	References	Value	Order Code
1	R1	10k	Farnell 9332391
1	R2	430	Farnell 9333207

## 16 Capacitors

Quantity	References	Value	Order Code
7	C1, C2, C5, C6, C13, C15	0.1u	Farnell 1414664
2	C3, C4	18p	Farnell 1414673
4	C7, C8	1.0u	Farnell 9222792
3	C10, C12	10nF	Farnell 1414662

<p>WARNING! PIN NUMBERS ARE DIFFERENT TO SOIC!</p> <p>DIP VERSION: FARNELL 1841606</p>			
7	C1, C2, C5, C6, C13, C15	0.1u	Farnell 1414664
2	C3, C4	18p	Farnell 1414673
4	C7, C8	1.0u	Farnell 9222792
3	C10, C12	10nF	Farnell 1414662

## 6 Integrated Circuits

Quantity	References	Value	Order Code
1	U1	ATMEGA168PA	Farnell 1748516
1	U3	M74VHC1G150D11G	Farnell 1654338 or Digikay M74VHC1G150D11G
1	U4	ADXL335	Digikay ADXL335BGPZ RL7CT-ND
1	U5	ADR306	Digikay ADR306AUJZ-R2CT-ND or Farnell 1417857
1	U6	MCP3204-B	Digikay MCP3204-B/SL-ND or Farnell 1852019
1	U7	MAX3070E	Digikay MAX3070EESD+-ND or Farnell 1379891

Quantity	References	Value	Order Code
1	D1	BLUE	Farnell 1685096

## 1 Diodes

Quantity	References	Value	Order Code
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## 3 Miscellaneous

Quantity	References	Value	Order Code
1	J1	CONN_SIL_2MM_4	Farnell 110927
1	J2	RJ45-DUAL-WURTH	Digikay 732-2744-ND or Farnell 1841174
1	X1	16MHz	Farnell 1640875