

## 6 Channel Hub v1.2 Parts List

<b>ID</b>	<b>Description</b>	<b>DigiKey Part#</b>	<b>Mouser Part#</b>
X1, X2	RJ-45 Jack 4 Port	A9015-ND	
P1	2.1mm Power Jack	CP-102A-ND	
U1, U2, U3	DS2409P	Available from Dallas	
REG1	LM78M05	LM78M05CTFS-ND	512-KA78M05
C1, C2, C3	0.1 uF Ceramic	311-1141-1-ND	80-C0805C104K3R
C4, C5	4.7 uF Electrolytic	PCE3011CT-ND	661-MKA35VC4R7M
D1, 2, 3, 4, 5, 6, 7	BAT54S	BAT54SWT1OSCT-ND	625-BAT54S
D8	MBR130		863-MBR130LSFT1G
LED1, 2, 3	1.8mm Red LED	160-1084-ND	
LED4	1.8mm Green LED	160-1086-ND	
R1, R2, R3, R4	390 1/4W 1%	311-390FCT-ND	71-CRCW1206-390
JP1, JP2	2 Pin Header	A26513-40-ND	
	2 Shunts	A26228-ND	

### ***Construction Tips***

- Place all surface mount components first.
- Observe the polarity of C4 and C5
- D1 – D7 are mounted on the bottom of the board
- R1 – R4 are marked 3900
- C1 – C3 are brown and have no markings
- The markings on D8 are hard to see. To install just match the stripe on the diode with the stripe on the board.