PC1769FBD100 - 32-bit ARM Cortex-M3 Instruments TRS3232CDR RS-232 o Technologies AT45DB321E-SHF-T Instruments DP83848CVV PHY 10/100 Instruments LM2671M-3.3 Step Down PP LPJ4514GENL - Ethernet connector Male Header IDC Connector 1.27mm 2x5 pin Type-B Right Angle Female Connector 2 Female Serial Connector DB9 M x 2.5MM Female DC Connector The pin Male Terminal Block Vertical	LQFP-100 SOIC 16 Narrow SOIC (EIAJ) 8S2 8 LQFP-48 SOIC-8 Narrow / / /	U1 U2 U3 U5 U6 P4 P2 P3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10,16 1,62 2,57 4,69 2,83 1,8 0,5	771-LPC1769FBD100551 595-TRS3232CDR 988-AT45DB321E-SHF-T 926-DP83848CVVX/NOPB 926-LM2671MX33NOPB / 171560426679	Mouser Mouser Mouser Mouser Mouser LINK-PP Ebay
Instruments TRS3232CDR RS-232 o Technologies AT45DB321E-SHF-T Instruments DP83848CVV PHY 10/100 Instruments LM2671M-3.3 Step Down PP LPJ4514GENL - Ethernet connector Male Header IDC Connector 1.27mm 2x5 pin Type-B Right Angle Female Connector 2 Female Serial Connector DB9 A x 2.5MM Female DC Connector	SOIC 16 Narrow SOIC (EIAJ) 8S2 8 LQFP-48	U2 U3 U5 U6 P4 P2 P3	1	1,62 2,57 4,69 2,83 1,8 0,5	595-TRS3232CDR 988-AT45DB321E-SHF-T 926-DP83848CVVX/NOPB 926-LM2671MX33NOPB /	Mouser Mouser Mouser Mouser LINK-PP
o Technologies AT45DB321E-SHF-T Instruments DP83848CVV PHY 10/100 Instruments LM2671M-3.3 Step Down PP LPJ4514GENL - Ethernet connector Male Header IDC Connector 1.27mm 2x5 pin Type-B Right Angle Female Connector 2 Female Serial Connector DB9 A x 2.5MM Female DC Connector	SOIC (EIAJ) 8S2 8 LQFP-48	U3 U5 U6 P4 P2 P3	1	2,57 4,69 2,83 1,8 0,5	988-AT45DB321E-SHF-T 926-DP83848CVVX/NOPB 926-LM2671MX33NOPB /	Mouser Mouser Mouser LINK-PP
Instruments DP83848CVV PHY 10/100 Instruments LM2671M-3.3 Step Down PP LPJ4514GENL - Ethernet connector Male Header IDC Connector 1.27mm 2x5 pin Type-B Right Angle Female Connector 2 Female Serial Connector DB9 M x 2.5MM Female DC Connector	LQFP-48	U5 U6 P4 P2 P3	•	4,69 2,83 1,8 0,5	926-DP83848CVVX/NOPB 926-LM2671MX33NOPB /	Mouser Mouser LINK-PP
Instruments LM2671M-3.3 Step Down PP LPJ4514GENL - Ethernet connector Male Header IDC Connector 1.27mm 2x5 pin Type-B Right Angle Female Connector 2 Female Serial Connector DB9 M x 2.5MM Female DC Connector	•	U6 P4 P2 P3	1 1 1 1	2,83 1,8 0,5	926-LM2671MX33NOPB /	Mouser LINK-PP
PP LPJ4514GENL - Ethernet connector Male Header IDC Connector 1.27mm 2x5 pin ype-B Right Angle Female Connector 2 Female Serial Connector DB9 M x 2.5MM Female DC Connector	/ / /	P2 P3	1 1 1	0,5	/ 171560426679	
ype-B Right Angle Female Connector 2 Female Serial Connector DB9 1 x 2.5MM Female DC Connector	/ / /	P3	1 1	0,5	171560426679	Ebay
2 Female Serial Connector DB9 A x 2.5MM Female DC Connector	/		1	٥. ٦		
1 x 2.5MM Female DC Connector	1	D.4		0,5	280782705985	Ebay
		P1	1	0,2	300944843046	Ebay
nm 2 nin Male Terminal Block Vertical	/	P7	1	0,2	161271021525	Ebay
= pin mate reminiat block for tical	1	P8	1	0,25	301017793034	Ebay
nm 2 pin Male Header Jumper	1	W1	1	0,1	170910122061	Ebay
nm 2x8 pin IDC Female Header Connector		P6	1	0,15	171048488166	Ebay
nm 2x4 pin IDC Female Header Connector		P5	1	0,15	171046688738	Ebay
			1	i		Ebay
9 SS14 Schottky Diode SMD	SS14		3	0,02	191194484047	Ebay
LED Red		<u> </u>	6	0,001	290809722053	Ebay
Iz SMD Crystal 5032 5x3.2mm	5032	Y2	1	0,25	331220814055	Ebay
-		Y1	1			Ebay
Iz SMD Oscillator ACT9200 5x7mm		Y3	1	·		Ebay
			1	·		Mouser
				·		Ebay
-	0603	C1, C2, C3, C4, C9, C10, C11,	15	0,002	/	/
	0603		4	0,002	/	1
			2	·	/	1
			1	·	/	
			1	·	/	
			8	·	/	
			1	·	/	
	0603	R10, R11, R12, R13, R14, R25, R26, R36	8	0,002	1	/
	0603	R16	1	0,002	/	1
	0603	R17, R18	1	0,002	1	1
%	0603	R19, R24, R27, R28	4	0,002	1	1
1%	0603	R20, R21, R22, R23	4	0,002	1	1
	0603	R30, R31, R32, R33, R34	5	0,002	1	/
	0603	R35	1	0,002	1	1
	0805	R15	1	0,002	1	/
ements				30,1		
er PCB 10cm x 15cm 1.6mm Green			1	8,8	/	iTeadStudio
TOT						
e	Push Button 6x6mm Right Angle 9 SS14 Schottky Diode SMD ED Red 1 SMD Crystal 5032 5x3.2mm kHz SMD Crystal FC-135 2 SMD Oscillator ACT9200 5x7mm C 0.22F Supercapacitor 16V Aluminium Electrolytic Capacitor 6.3x7.7mm	Push Button 6x6mm Right Angle 9 SS14 Schottky Diode SMD ED Red 7 SMD Crystal 5032 5x3.2mm 8 SMD Crystal FC-135 FC-135 3.2x1.5mm 8 SMD Oscillator ACT9200 5x7mm C 0.22F Supercapacitor Bulk 16V Aluminium Electrolytic Capacitor 6.3x7.7mm 7 0603 0603 0603 0603 0603 0603 0603 0603	Push Button 6x6mm Right Angle 2 SS14 Schottky Diode SMD 5 SS14 D6, D7, D9 ED Red 7 D1, D2, D3, D4, D5, D8 2 SMD Crystal 5032 5x3.2mm 5 SMD Crystal FC-135 5 FC-135 3.2x1.5mm 7 Y1 2 SMD Oscillator ACT9200 5x7mm C 0.22F Supercapacitor 8 Bulk BT1 16V Aluminium Electrolytic Capacitor 6.3x7.7mm 7 C22, C24 6063 C1, C2, C3, C4, C9, C10, C11, C14, C15, C16, C17, C18, C19, C19, C19, C19, C19, C19, C19, C19	Push Button 6x6mm Right Angle	Push Button 6x6mm Right Angle	Push Button 6x6mm Right Angle