Kretskort - ESC - rev03 - BillofMaterials V2

Comment	Description	Designator	Footprint	LibRef	Quantity	Manufacturer	Manufacturer Part Number	ComponentLink1Description	Stock 1	Supplier 1	Supplier Part Number 1
Comment		1, 2, 3	Motorkontroller-Steg-3D		3						
100nf	Ceramic capacitor SMD 1206 100 nF 50 V 10 % Samsung Electro-Mechanics CL31B104KBCNNNC 4000 pc(s)	C1	CAPC3216X180N	100nf	1						
2x16 Header Female	16 Pin VS - CONN RCPT 32POS 0.1 GOLD SMD	J1, J4, J6	16x2-Pin_VS_Header_Female	SSM-116-L-DV	3	Samtec	SSM-116-L-DV	https://datasheet.ciiva.com/746/ssm-1xx-xxx-dv-xx-xx-x-xx-mkt-746629.pdf?src-supplier=Digi-Key	472	Digi-Key	SAM1146-16-ND
2-Pin Plugg	Jumper 2 Pin Plugg - TERM BLOCK HDR 2POS 90DEG 3.5MM	J2	PGA4x2	395021002	1	Molex	395021002	http://components.arrow.com/part/dataview/44158185S8381659N3303?src-supplier=Arrow+Electronics	27992	Digi-Key	WM7770-ND
2x16 Header Female	16 Pin HS - CONN RCPT 32POS 0.1 GOLD SMD	J3, J5, J9	16x2-Pin_HS_Header_Female	SSM-116-L-DV_1	3	Samtec	SSM-116-L-DV	https://datasheet.ciiva.com/746/ssm-1xx-xxx-dv-xx-xx-x-xx-mkt-746629.pdf?src-supplier=Digi-Key	472	Digi-Key	SAM1146-16-ND
3-Pin Kontakt	3 Pin Kontakt Terminalblokker – kabel-til-kort Horisontal med kort 0,200" (5,08mm) Gjennomgående hull	J7	3-PIN-PLUGG-V3	1714735	1	Phoenix Contact	1714735	https://datasheet.ciiva.com/16071/1714735-16071951.pdf?src-supplier=Onlinecomponents.com	49	Digi-Key	277-6931-ND
2-Pin Plugg	2 Pin Plugg - TERM BLOCK HDR 2POS 90DEG 3.5MM	J8	2-Pin-Plugg-PGA4x2	395021002	1	Molex	395021002	http://components.arrow.com/part/dataview/44158185S8381659N3303?src-supplier=Arrow+Electronics	27992	Digi-Key	WM7770-ND
Connector nr 1		PA1	PCIx4	PCIx4_nr1	1						
Connector nr 2		PB1	PCIx4	PCIx4_nr2	1						
Connector nr 3		PC1	PCIx4	PCIx4_nr3	1						
10k	Resistor SMD 1206	R1, R2	RES_1206	RES_1206	2						
TestPoint	TP - PC TEST POINT MINIATURE WHITE	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28, TP29, TP30, TP31, TP32, TP33, TP34, TP35	TP-KSTN-5002	36-5002-ND	35	Keystone Electronics	5002	https://datasheet.ciiva.com/2917/5000-5004-2917628.pdf?src-supplier=Digi-Key	1621529	Digi-Key	36-5002-ND
TP Stor for GND	TP GND - PC TEST POINT, BLUE, SMT	TP-GND1	TP-GND	AC0201FR-0733R2L	1	Yageo	AC0201FR-0733R2L	http://www.yageo.com/NewPortal/yageodocoutput?fileName=/pdf/R-Chip/PYu-AC_51_RoHS_L_6.pdf&src-supplier=Digi-Key	6525	Digi-Key	YAG5197CT-ND
TP-GND	TP GND - PC TEST POINT, BLUE, SMT	TP-GND2, TP-GND3	TP-GND	AC0201FR-0733R2L	2	Yageo	AC0201FR-0733R2L	http://www.yageo.com/NewPortal/yageodocoutput?fileName=/pdf/R-Chip/PYu-AC_51_RoHS_L_6.pdf&src-supplier=Digi-Key	6525	Digi-Key	YAG5197CT-ND
Basic ESC Layout	ESC - Enkel layout av BlueRobotics Basic ESC	U1	BASIC-ESC-V2	Basic-ESC-Boks	1						
Temp sensor	STTS75 Series 5.5 V 10 mA Digital Temperature Sensor and Thermal Watchdog	U2	SOP127P600X175-8M	STTS75M2F	1	STMicroelectronics	STTS75M2F	https://datasheet.ciiva.com/15098/getdatasheetpartid-130266-15098245.pdf?src-supplier=Verical	6978	Digi-Key	497-6178-1-ND