Comment	Reference	Footprint	Mouser order number	Reichelt.de order number
Speakers	10J2	Molex4	Use Mouser part number 538-26-48-1245 for all Molex connectors. These parts have 24 pins and you can cut them as required. You need 204 pins if you want to be able to use the APC in all kinds of games from Sys3 to Sys11c.	
Volume	10J4	Molex4		
Diag Sw	1J4	Molex4		
Display Segments 1	1J5	Molex12		
Display Strobes 2	1J6	Molex9		
Display Strobes 1	1J7	Molex9		
Special Sol Drivers	2J12	Molex9		
Special Sol Triggers	2J13	Molex9		
Switch Inputs	sys11_1J10	Molex9	If you want to use it only in Sys3-Sys7 OR Sys9-Sys11 games you can spare 6 connectors with each one having 9 pins. That means 54 pins less which leads to 150 pins.	Only needed for Sys9 - Sys11
Solenoid Drivers 1	sys11_1J11	Molex9		Only needed for Sys9 - Sys11
Solenoid Drivers 2	sys11_1J12	Molex9		Only needed for Sys9 - Sys11
Lamp Rows	sys11_1J6	Molex9		Only needed for Sys9 - Sys11
Lamp Strobes	sys11_1J7	Molex9		Only needed for Sys9 - Sys11
Switch Drivers	sys11_1J8	Molex9		Only needed for Sys9 - Sys11
Logic PWR/GND	sys7_1J2	Molex9		
Solenoid GND	sys7_2J10	Molex9		
Solenoid Drivers 1	sys7_2J11	Molex9		Only needed for Sys3 – Sys7
Switch Drivers	sys7_2J2	Molex9		Only needed for Sys3 – Sys7
Switch Inputs	sys7_2J3	Molex9		Only needed for Sys3 – Sys7
Lamp B+	sys7_2J4	Molex9		
Lamp Strobes	sys7_2J5	Molex9		Only needed for Sys3 – Sys7
Lamp GND	sys7_2J6	Molex9		
Lamp Rows	sys7_2J7	Molex9		Only needed for Sys3 – Sys7
Solenoid Drivers 2	sys7_2J9	Molex9		Only needed for Sys3 – Sys7
CONN_36	P4	pin_array_18x2	538-10-89-7501	SL 2X25G 2,54
Lisy_Jumper	P12	pin_array_6x2	use rest from above	use rest from above
Display Segments 2	1J8	pin_array_13x2	538-10-89-7501	SL 2X13G 2,54
Sys11_J21	P11	pin_array_8x2	use rest from above	SL 2X10G 2,54
Raspberry_Pi	J1	Socket_2x20	474-PRT-16763	MPE 094-2-040
CONN_3X2	P7	Socket_3x2	571-215309-3	MPE 094-2-006
SD_card	P8	Socket_1x6	200-SLW11001TS	BL 1X10G 2,54
Ardu_pwr	P9	PINHEAD1-4	538-22-30-3364	SL 1X36G 2,54
CONN_2	P6	PINHEAD1-2	use rest from above	use rest from above
CONN_6	P1	PINHEAD1-6	use rest from above	use rest from above
CONN_7	P2	PINHEAD1-7	use rest from above	use rest from above
CONN_8	P5	PINHEAD1-8	use rest from above	use rest from above
CONN_2	P13	PINHEAD1-2	use rest from above	use rest from above
Lisy_serial	P10	PINHEAD1-5	optional	optional
470u	C11	Radial_D8_L13_P3.8	667-EEU-EB1V471B	RAD 470/35
100u	C2	Radial_D5_L11_P2.5	710-860040272001	RAD 100/25
1000u	C9	Radial_D8_L13_P3.8	667-EEU-FR1C102L	RAD FR 1.000/16
LED_Red	D1	LEDs:LED-3MM	604-WP710A10ID	LED 3MM RT
LED_Yellow	D2	LEDs:LED-3MM	604-WP710A10SYT	LED 3MM GE
LED_Green	D3	LEDs:LED-3MM	604-WP710A10GT	LED 3MM GN
IRL530	Q13,Q19,Q25,Q	TO220	942-IRL530NPBF	IRL 530N
IRL540	Q24,Q36	TO220	942-IRL540NPBF	IRL 540N
4,7K	RR1,RR7	SIP9	652-4609X-1LF-4.7K	SIL 9-8 4,7K
18K	RR8	SIP9	652-4609X-1LF-18K	SIL 9-8 18K
Shutdown	SW1	Taster3301	653-B3F-1000	TASTER 3301
74BCT760	U19	DIP-20	595-SN74BCT760N	
TDA7496	U21	Multiwatt15V	511-TDA7496	