

Sheet1

Reference	Value	Qty	Manufacturer	Mouser PN
C1	47uF 16V	1	ECA-1CM470I	667-ECA-1CM470I
C2,C3,C4,C5,C6,C7,C8,C9,C10,C11	100N	10	K104K10X7RF53H5	594-K104K10X7RF53H5
D1	PA0	1	WP710A10RD/J4	604-WP710A10RD/J4
D2	PA1	1	WP710A10RD/J4	604-WP710A10RD/J4
D3	PA2	1	WP710A10RD/J4	604-WP710A10RD/J4
D4	PA3	1	WP710A10RD/J4	604-WP710A10RD/J4
D5	PA4	1	WP710A10RD/J4	604-WP710A10RD/J4
D6	PA5	1	WP710A10RD/J4	604-WP710A10RD/J4
D7	PA6	1	WP710A10RD/J4	604-WP710A10RD/J4
D8	PA7	1	WP710A10RD/J4	604-WP710A10RD/J4
D9	POWER	1	WP710A10GD	604-WP710A10GD
D10	SEL	1	WP710A10GC	604-WP710A10GC
D11,D12,D13,D14	1N4001	4	1N4001	637-1N4001
D15	CB2	1	WP710A10RD/J4	604-WP710A10RD/J4
J1,J2,J3	MOLEX CO	3	09-48-2101	538-09-48-2101
J4	PORTB	1		ALIEXPRESS
J5	BOUT	1		ALIEXPRESS
J6	DB25_F	1		ALIEXPRESS
JP1,JP2,JP3,JP4	Jumper_3_(4		ALIEXPRESS
JP5,JP6,JP7,JP8,JP9	~	5		ALIEXPRESS
R1,R2,R3,R4,R5,R6,R7,R8,R14	1K	9	MBB02070C1001FCT00	594-MBB02070C1001FCT00
R9,R11,R12	470R	3	MBB02070C4700FCT00	594-MBB02070C4700FCT00
R10,R13	2K2	2	MBB02070C2201FCT00	594-MBB02070C2201FCT00
U1	L7805CV	1	LM7805CT/NOPB	NOT NEEDED IF USING ATX PSU
U2	74LS125	1	SN74LS125AN	595-SN74LS125AN
U3	74LS10	1	SN74LS10N	595-SN74LS10N
U4	74LS02	1	SN74LS02N	595-SN74LS02N
U5	MC6821	1	MC6821P	ALIEXPRESS
U6	74LS273	1	SN74LS273N	595-SN74LS273N
U7,U8	74LS245	2	SN74LS245N	595-SN74LS245N