



### Connectors

### Voltage Regulators

Title		
Size	Number	Revision
A3		
Date:	5/09/2025	Sheet of
File:	C:\Users\...\v2.SchDoc	Drawn By:

Line #	Name	Description	Designator	Revision ID	Revision State	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	ABM05	3225 120K 18pF ±50ppm - 40°C-85°C	ABM1		Not managed		1							
	GRM156R1C104ABD	Ceramic Capacitor, Multilayer, Ceramic, 16V, 10%+Tol, 10%- Tol, XPR, 15%TC, 0.1uF, Surface Mount, 0402	C1, C2, C4, C7, C3, C11, C12, C19		Not managed		8							
	Capacitor	GRM156R1A100 ME1D, Murata, Ceramic Capacitor, Multilayer, Ceramic, 10V, 20%+Tol, 20%- Tol, XPR, 15%TC, 1uF, Surface Mount, 0402	C3, C14, C22		Not managed		3							
	GRM156R1C104ABD	GRM156R1C104 ABD Ceramic Capacitor, Multilayer, Ceramic, 16V, 10%+Tol, 10%- Tol, XPR, 15%TC, 0.1uF, Surface Mount, 0402	C5		Not managed		1							
	GRM156R1C104ABD	Ceramic Capacitor, Multilayer, Ceramic, 16V, 10%+Tol, 10%- Tol, XPR, 15%TC, 0.1uF, Surface Mount, 0402	C6		Not managed		1							
	C100D6R1A475M359BC TDK	Ceramic Capacitor, Multilayer, Ceramic, 10V, ±20%+Tol, 20%- Tol, XPR, 15%TC, 4.7uF, Surface Mount, 0402	C8, C10, C13		Not managed		3							
	GRM0225C1H180A0L	Ceramic Capacitor, Multilayer, Ceramic, 50V, 5% +Tol, 5%-Tol, CGX, 50ppm/Cel, TC, 0.000018uF, Surface Mount, 01005	C15, C16		Not managed		2							
	1uF	SRAD Capacitor K77EBA with Capacitance: 1.0uF Tol. 20%, Rated Voltage: 25Vdc	C17, C18, C20, C23		Not managed		4							
	Capacitor	Ceramic Capacitor, Multilayer, Ceramic, 16V, 10%+Tol, 10%- Tol, XPR, 15%TC, 0.1uF, Surface Mount, 0402	C21		Not managed		1							
	105133-0031	105133-0031 Micro-USB Receptacle with Flange, Vertical, Surface Mount, 8.80mm Height, 2.30mm Solder Tails, Lead-Free	J1		Unknown server		1							
	MP20122801A100	Terminator lead 800R2A	L1		Not managed		1							
	CDR45D14NP-2R2NC	General Purpose Inductor, 2.2uH, 30%, 1 Element, Ferrite Core, SMD, 1212	L2		Not managed		1							
	MG20122801A100	Terminator lead 800R10A	L3		Not managed		1							
	0.5mm 24-pin FPC Connector		H1		Not managed		1							
	653102124022	9P, 8P male terminal header	P2		Unknown server		1	Würth Electronics	653102124022	Volume Production	Mouser	710-653102124022	1.63	1.63
	RD0402FR0710K Vago	Fixed Resistor, Metal Glaze/Thick Film, 0.0625W, 10000ohm, 50V, 1% +/- Tol, 100ppm/Cel, Surface Mount, 0402	R1, R7		Not managed		2							
	RD0402FR0710K Vago	Fixed Resistor, Metal Glaze/Thick Film, 0.0625W, 10000ohm, 50V, 1% +/- Tol, 100ppm/Cel, Surface Mount, 0402	R2, R5, R6		Not managed		3							
	12k 0.1%	12kOhms AEC, 1% 0.1W, 1/10W Chip Resistor 0803 (1608 Metric) Automotive AEC- Q200 Thin Film	R3, R4		Not managed		2							
	RD0402FR0710K	Fixed Resistor, Metal Glaze/Thick Film, 0.0625W, 10000ohm, 50V, 1%+/-Tol, 100ppm/Cel, Surface Mount, 0402	R8		Not managed		1							
	1825910-6	1825 Switch, SPST NO, 0.05 A, 35 to 85 deg, 4-Pin THT, 1825S, Bulk	SW1		Unknown server		1	TE Connectivity	1825910-6	Volume Production	Annet	1825910-6	0.05576	0.05576
	FT8000-T	FT8000 Embedded Microcontroller, support both CAN Bus and Ethernet Features, -40 to +85 degC, 100-Pin QFN, Pb-Free, Tray	U1		Unknown server		1	FTDI	FT8000-T	Volume Production				
	LM2671MF-3.3	2044, 600mA Step Down DC-DC Converter, switching regulator	U2		Not managed		1							
	NCP1142SN1201G	LDO Fixed output 1V2	U3		Not managed		1							
	TLV70028DDCT	LDO Fixed output 2V8	U4		Not managed		1							