

Qty	Manufacturer Part Number	Schematic part name / value	Schematic Designator	QTY Batch x15	Description	Manufacturer	Package Type	Digi-Key Part Number	Other distributor
Resistors									
1		0Ω	R1	15	0Ω		0402		
1		120Ω	R2	15	120Ω 1/10W 1%		0402		
4		390Ω	R3 to R6	60	390Ω 1/10W 1%		0402		
3		1.5kΩ	R7 to R9	45	1.5kΩ 1/10W 1%		0402		
10		2.2kΩ	R10 to R19	150	2.2kΩ 1/10W 1%		0402		
2		12kΩ	R20, R21	30	12kΩ 1/10W 1%		0402		
1		220kΩ	R22	15	220kΩ 1/10W 1%		0402		
Capacitors									
2		18pF	C1, C2	30	Capacitors GRZ:C_0402		0402		
4		10nF	C3 to C6	60	Capacitors GRZ:C_0402		0402		
18		100nF	C7 to C24	270	Capacitors GRZ:C_0402		0402		
4		1μF	C25 to C28	60	Capacitors GRZ:C_0402		0402		
1		1μF/25V/X5R	C29	15	Capacitors GRZ:C_0603		0402		
3		4.7μF	C30 to C32	45	Capacitors GRZ:C_0402		0402		
10		10μF	C33 to C42	150	Capacitors GRZ:C_0603		0603		
1		100μF/20V	C43	15	Capacitors GRZ:EIA_7343-31		EIA 7343-31		
1		1000μF/6.3V	C44	15	Capacitors GRZ:EIA_7360-38		EIA 7360-38		
Inductors									
1		1μH	L1	15	Inductors GRZ:XFL4020				
Semiconductors									
2		PMEG3010AESB	D1, D2	30	Diodes GRZ:PMEG3010AESB				
1		TPS621351	IC1	15	Regulators GRZ:TPS621351				
2		LP5912-3.3DRV	IC2, IC3	30	Regulators GRZ:LP5912DRV				
1		TPS7A84ARGR	IC4	15	Regulators GRZ:TPS7A84ARGR				
1		STM32F777VI	IC5	15	MCU GRZ:STM32F777VI				
1		ICM-20600	IC6	15	Sensors GRZ:ICM-20600				
1		LIS3MDL	IC7	15	Sensors GRZ:LIS3MDL				
1		BMP388	IC8	15	Sensors GRZ:BMP388				
1		MAX3051EKA	IC9	15	IC_Misc GRZ:MAX3051EKA				
1		PCA9306DCU	IC10	15	IC_Misc GRZ:PCA9306DCU				
1		TPS2001DDBV	IC11	15	TPS2001DDBV				
1		KP-1608SURC	LED1	15	Opto GRZ:KP-1608SURC				
1		KP-1608SEC	LED2	15	Opto GRZ:KP-1608SEC				
1		KP-1608CGCK	LED3	15	Opto GRZ:KP-1608CGCK				
1		KP-1608SYC	LED4	15	Opto GRZ:KP-1608SYC				
Connectors									
1	53398-0271	CAN	J1	15		Molex Inc.			
4	53398-0371	SRVa1,SRVa2,SRVa3,SRVa4	J2 to J5	60		Molex Inc.			
8	53398-0571	SWD,RC,I2C-3V3,I2C-5V,UART2,UART3,UART7,USB	J6	120		Molex Inc.			
4	53398-0771	SRVb,AUXa,AUXb,SPI	J14	60		Molex Inc.			
1	105017-0001	USB_Micro-B	J18	15		Molex Inc.			
1	500901-0801	MicroSD_Connector_500901-0801	J19	15	Connector MicroSD Memory Card	Molex Inc.			
Other									
1		8Z_16MHz	Q1	15	Misc GRZ:Crystal_8Z				