



ITEM NO.	PART NUMBER	Vendor	DESCRIPTION	QTY.
1	PCB	-	Printed Circuit Board	1
2	467651301	Molex	Micro HDMI Right Angle Receptacle	1
3	TMX5700714PZQQ1	Texas Instruments	Safety Microcontroller	1
4	LCMX02-2000HC-4MG132C	Lattice	Programmable Logic Device	1
5	TLV320ADC3101IRGER	Texas Instruments	Audio Codec	1
6	ADV7610BBCZ-P	Analog Devices	HDMI Receiver	1
7	5023820370	Molex	1.25mm 3-Pin CLIK-Mate Receptacle	4
8	5023820470	Molex	1.25mm 4-Pin CLIK-Mate Receptacle	4
9	5023820670	Molex	1.25mm 6-Pin CLIK-Mate Receptacle	6
10	5023820770	Molex	1.25mm 7-Pin CLIK-Mate Receptacle	1
11	5023820870	Molex	1.25mm 8-Pin CLIK-Mate Receptacle	2
12	LTC1867IGN#PBF	Linear	8-Channel 16-Bit ADC	1
13	MAX3051EKA+T	Maxim	CAN Transceiver	2
14	MPU-9250	InvenSense	9-Axis Motion Tracker	3
15	MS561101BA03-00	Measurement Specialties	Barometric Pressure Sensor	2
16	LTC4417IUF#PBF	Linear Technology	Auto Failover Power Switch	1
17	CAT24AA02TDI-GT3	ON Semiconductor	I2C EEPROM	1
18	LMV358IDGKR	Texas Instruments	Op Amp	1
19	PCA9548APW	Linear Devices	I2C Switch	1
23	TPS542941PWP	Texas Instruments	Power Regulator	1
21	TPS65311QRVJRQ1	Texas Instruments	High Voltage Power Management IC	1
22	PKLCS1212E40A1-R1	Murata	Piezo Buzzer	1
23	ZX62RD-AB-5P8	Hirose	Micro USB AB	1
24	USB3300-EZK	Microchip	USB PHY	1
25	EVA-M8M-0	U-Blox	GPS Receiver	1
26	73412-0110	Molex	50 Ohms Microcoaxial RF Receptacle	1
27	TEM-115-02-03.0-FG-D-WT	Samtec	0.8mm 30-Pin Locking Header	3
28	XFL4020-222MED	Coilcraft	Inductor	5
29	GRM188R60J226MEA0J	Murata	Capacitor	5
30	TFM-120-02-F-D-A	Samtec	0.050in 40-Pin Terminal Strip (SMT)	6
31	TFM-115-02-F-D-A	Samtec	0.050in 30-Pin Terminal Strip (SMT)	1
32	TSW-122-08-F-T-RA	Samtec	0.100in 66-Pin Right-Angle Pin Header	1
33	LP5521YQ-NOPB	Texas Instruments	RGB LED and Driver	1

PRELIMINARY

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		UNLESS OTHERWISE SPECIFIED:		NAME		DATE	TITLE: Autopilot Baseboard		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: \pm ANGULAR: MACH \pm BEND \pm TWO PLACE DECIMAL \pm THREE PLACE DECIMAL \pm		DRAWN					
		INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL		CHECKED					
				ENG APPR.					
				MFG APPR.					
				Q.A.					
				COMMENTS:					
NEXT ASSY		USED ON					SIZE	DWG. NO.	REV
							C	gyphon	6
APPLICATION		DO NOT SCALE DRAWING					SCALE: 2:1	WEIGHT:	SHEET 1 OF 1