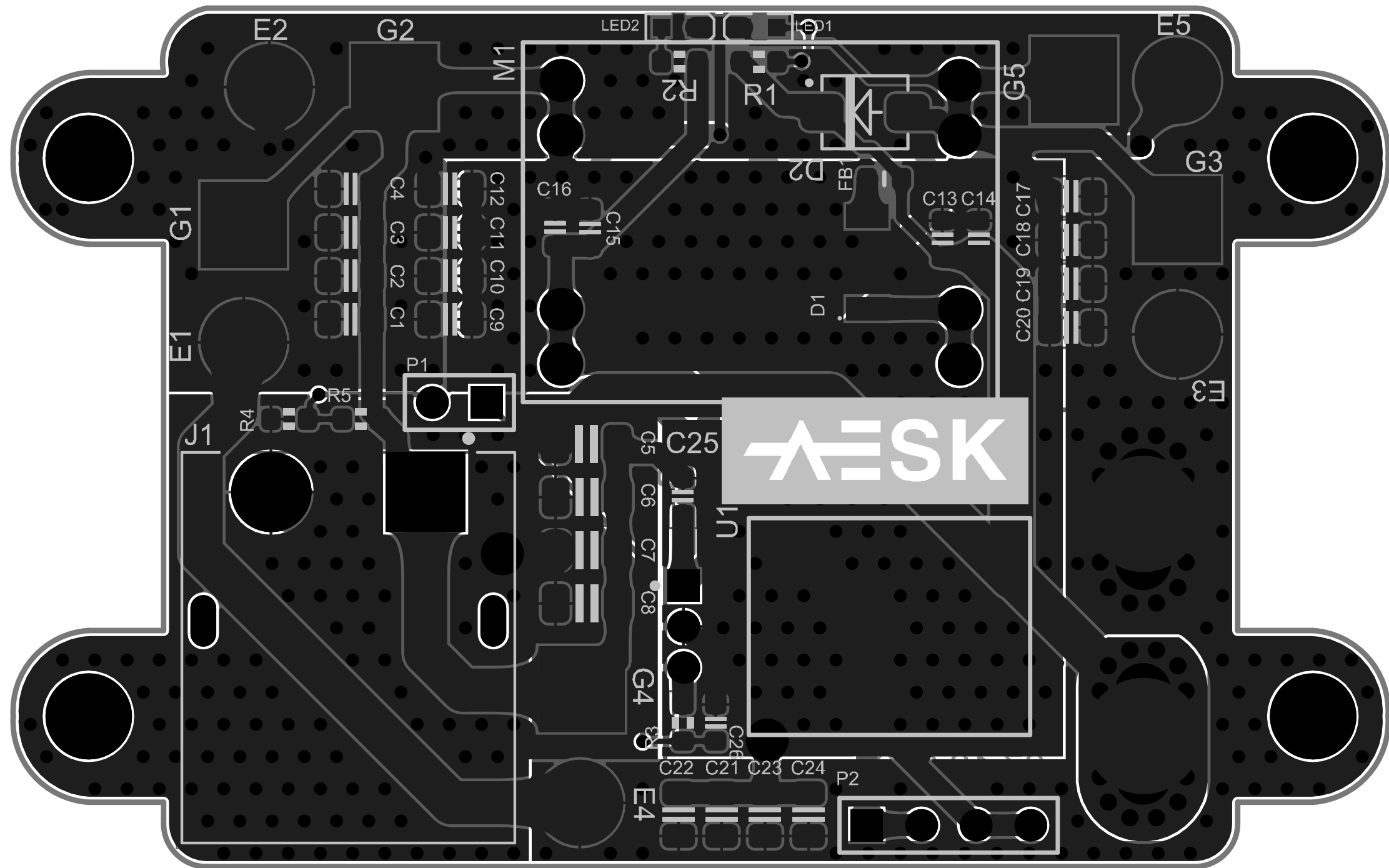


Title		
Size	Number	Revision
A4		
Date:	1.21.2022	Sheet of
File:	C:\Users\...\2022_AESK_UAV_POWER_Sch	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
1uF	Capacitor Ceramic 1uF 50V 0805	C1, C2, C3, C4, C9, C10, C11, C12, C17, C18, C19, C20, C21, C22, C23, C24	CAPC 0805	CAPC0580	16
1uF	Capacitor Ceramic 1uF 25V 1206	C5, C6, C7, C8	CAPC 1206	CAPC0953	4
10uF	Capacitor Ceramic 10uF 50V 0603	C13, C15	CAPC 0603	CAPC0301	2
100nF	Capacitor Ceramic 100nF 50V 0603	C14, C16, C25	CAPC 0603	CAPC0285	3
10nF	Capacitor Ceramic 10nF 50V 0603	C26	CAPC 0603	CAPC0277	1
PMEG3050BEP	Schotky Diode	D1	SOD470X100-2N	Schotky Diode	1
		D2	DO-214AC, SMA	Diode0012	1
esc		E1, E2, E3, E4, E5	esc	esc	5
Ferrite Bead		FB1	FCM1608KF-601T03	FCM1608KF-601T03	1
gnd		G1, G2, G3, G4, G5	gnd	gnd	5
XT60PW-M		J1	AMASS_XT60PW-M	XT60PW-M	1
	LED	LED1	LED RED 0603	LED RED	1
	LED	LED2	LED BLUE 0603	LED BLUE	1
DC-DC Conv(0.8V-18V&3A)	DC-DC Conv(0.8V-18V&3A)	M1	mp	MP1584EN	1
Header 2	Header, 2-Pin	P1	HDR1X2	Header 2	1
Header 4	Header, 4-Pin	P2	HDR1X4	Header 4	1
470R	470R 0603	R1, R2	RESC 0603	R0188	2
4.7K	4.7K 0603	R3	RESC 0603	R0212	1
27K	27K 0603	R4	RESC 0603	R0230	1
10K	10K 0603	R5	RESC 0603	R0220	1
ACS758KCB-150B-PFF-T		U1	Allegro_MicroSystem s_LLC_CB-5-PFF_MFG	ACS758KCB-150B-PFF-T	1