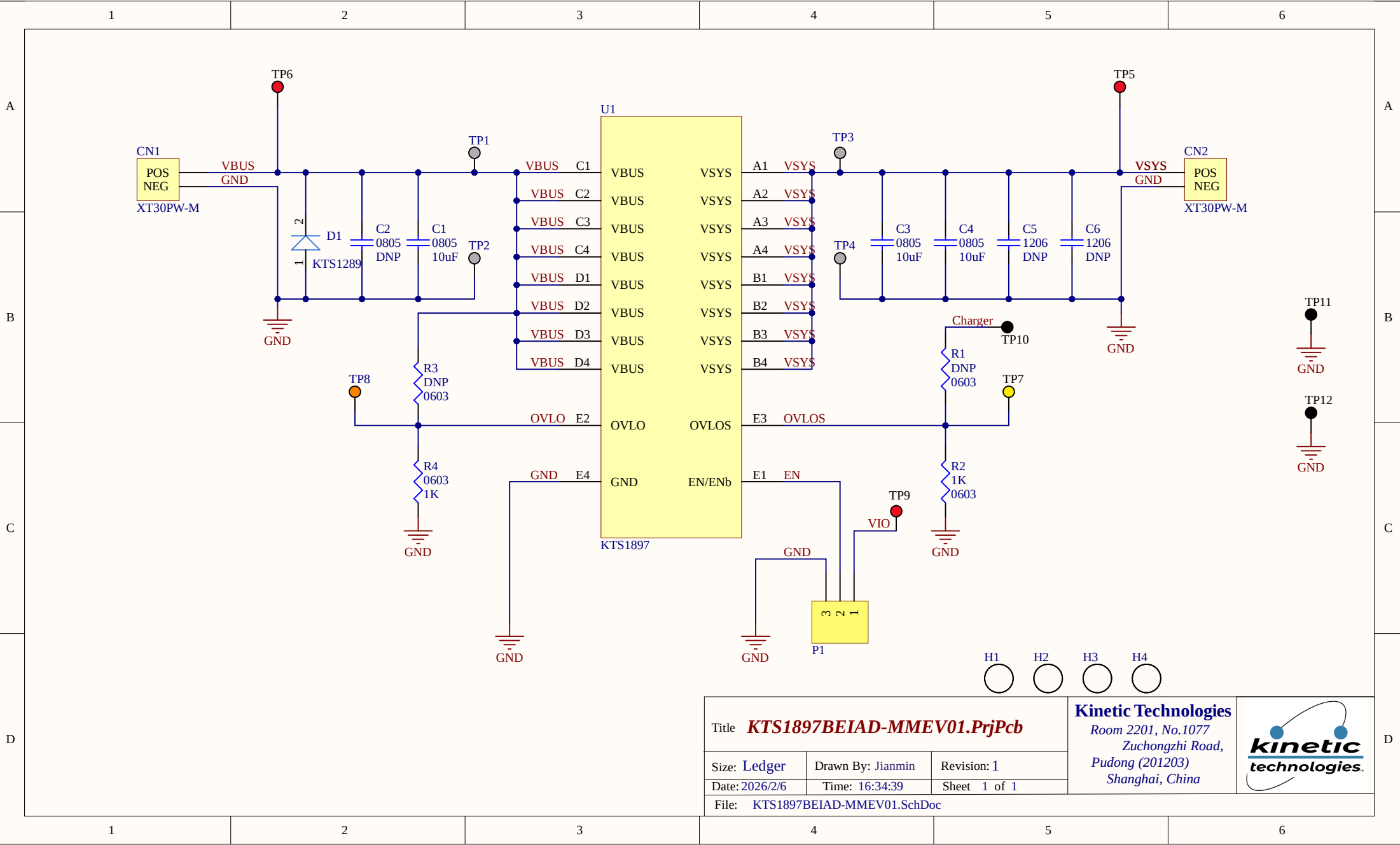
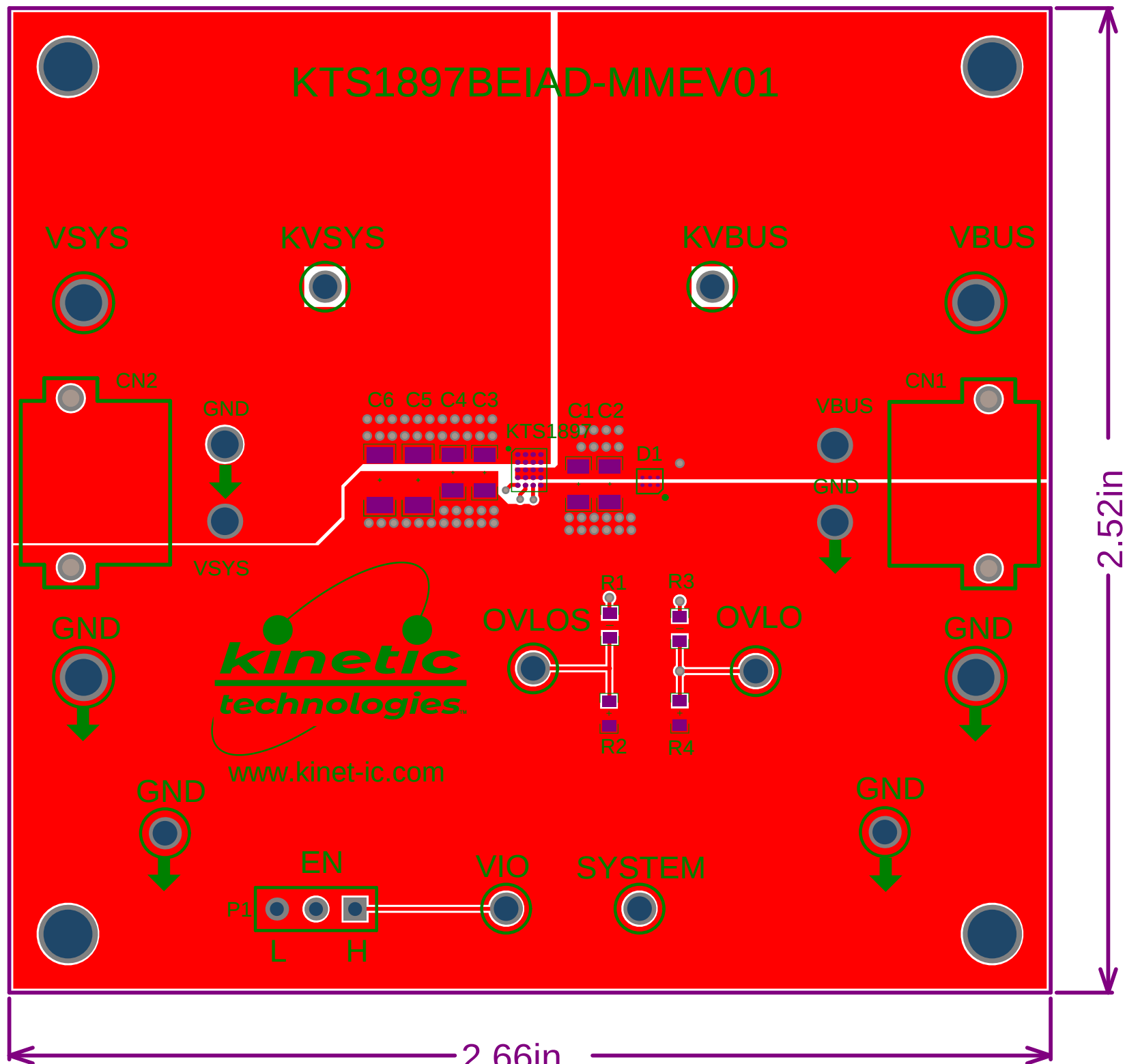
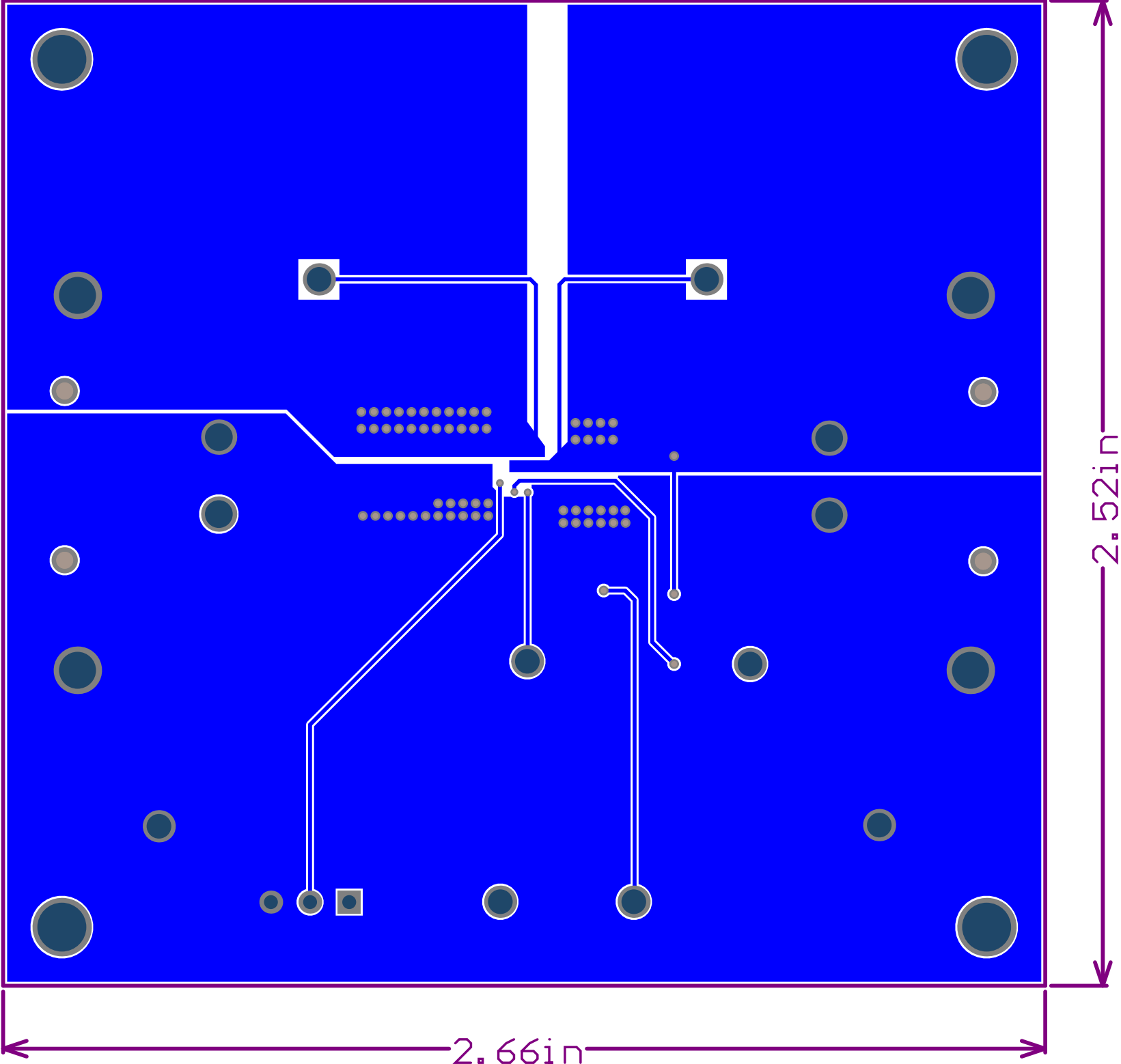




Title <i>KTS1897BEIAD-MMEV01.PrjPcb</i>			Kinetic Technologies <i>Room 2201, No.1077 Zuchongzhi Road, Pudong (201203) Shanghai, China</i>	
Size: Ledger	Drawn By: Jianmin	Revision: 1		
Date: 2026/2/6	Time: 16:34:39	Sheet 1 of 1		
File: KTS1897BEIAD-MMEV01.SchDoc				





Line #	Quantity	Designator	Description	Value	Package	Manufacturer	Manufacturer Part Number	Digikey Part Number	Mouser Part Number	JLCPCB Part Number
	1	C1	CAP CER 10uF 50V X5R 0805	10uF	0805	Samsung	CL21A106KBYQNN	1276-CL21A106KBYQNNR-ND	187-CL21A106KBYQNN	C2932476
	1	C2	CAP CER 10uF 50V X5R 0805 DNP	DNP	0805					
	2	C3, C4	CAP CER 10uF 35V X5R 0805	10uF	0805	Murata	GRM21BR6YA106KE43L	490-10514-1-ND	81-GRM21BR6YA106KE3L	C162422
	2	C5, C6	CAP CER 10uF 35V X5R 1206	DNP	1206					
	2	CN1, CN2	30A Right Angle Through Hole Power Connectors			AMASS	XT30PW-M			C431092
	1	D1	KTS1289 TVS WLCSP32-6		WLCSP-6	Kinetic Technologies	KTS1289ECAE-TA	2763-KTS1289ECAE-TACT-ND	389-KTS1289ECAE-TA	
	4	H1, H2, H3, H4	BRD SPT SNAP LOCK REST MNT 4MM			Essentra Components	PSD-4M-19	PSD-4M-19-ND	144-PSD-4M-19	
	1	P1	CONN HEADER VERT 3POS 2.54MM		TH	Sullins Connector Solutions	PREC003SAAN-RC	S1012EC-03-ND		C124376
	2	R1, R3	RES SMD 0603	DNP	0603					
	2	R2, R4	RES SMD 1K 1% 1/10W 0603	1K	0603	Yageo	RC0603FR-071KL	311-1.00KHRCT-ND	603-RC0603FR-071KL	C21190
	4	TP1, TP2, TP3, TP4	TERM TURRET SINGLE L=5.56MM TIN		TH	Keystone	1502-2	36-1502-2-ND	534-1502-2	C4355001
	3	TP5, TP6, TP9	PC TEST POINT MULTIPURPOSE RED		TH	Keystone	5010	36-5010-ND	534-5010	C5199813
	1	TP7	PC TEST POINT MULTIPURPOSE YELLOW		TH	Keystone	5014	36-5014-ND	534-5014	C238128
	1	TP8	PC TEST POINT MULTI PURP ORANGE		TH	Keystone Electronics	5013	36-5013-ND	534-5013	C5277089
	3	TP10, TP11, TP12	PC TEST POINT MULTIPURPOSE BLACK		TH	Keystone	5011	36-5011-ND	534-5011	C5199814
	1	U1	5ARMS 28V VBUS Current-Sink Protection Load Switch		WLCSP-20	Kinetic Technplogies	KTS1897BEIAD-TA	2763-KTS1897BEIAD-TACT-ND	389-KTS1897BEIAD-TA	