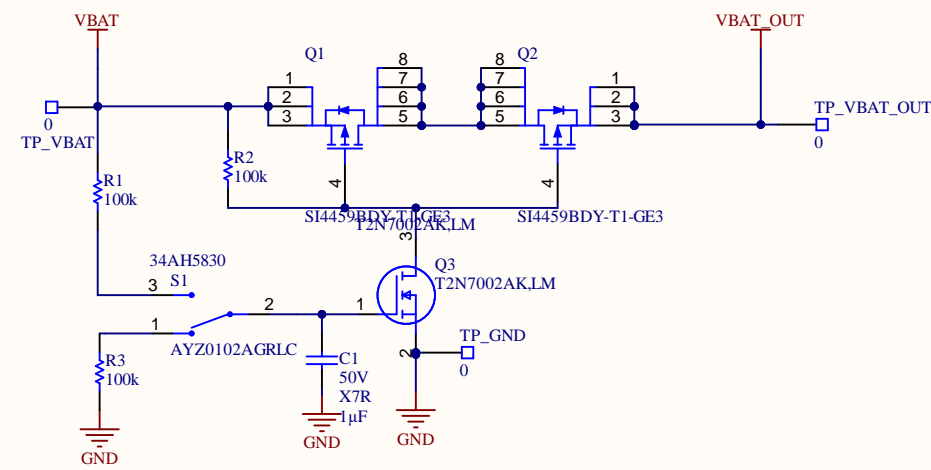


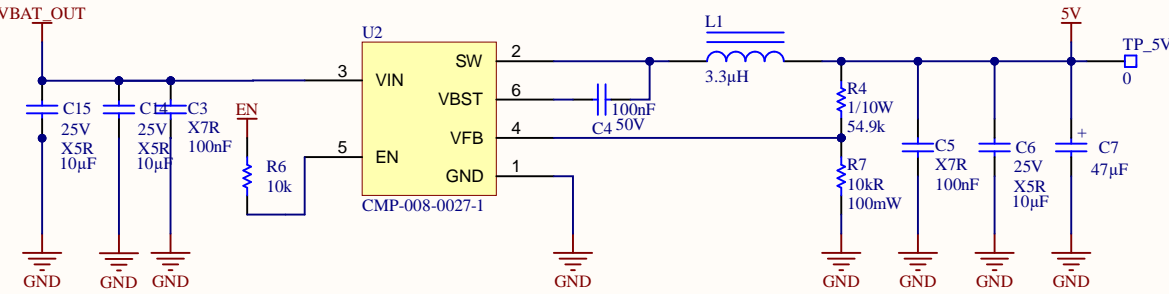
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REVISION	DESCRIPTION	DATE	APPROVED

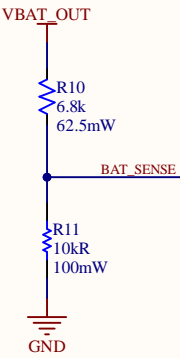
High Side Switch with Soft Start and Reverse Polarity Protection



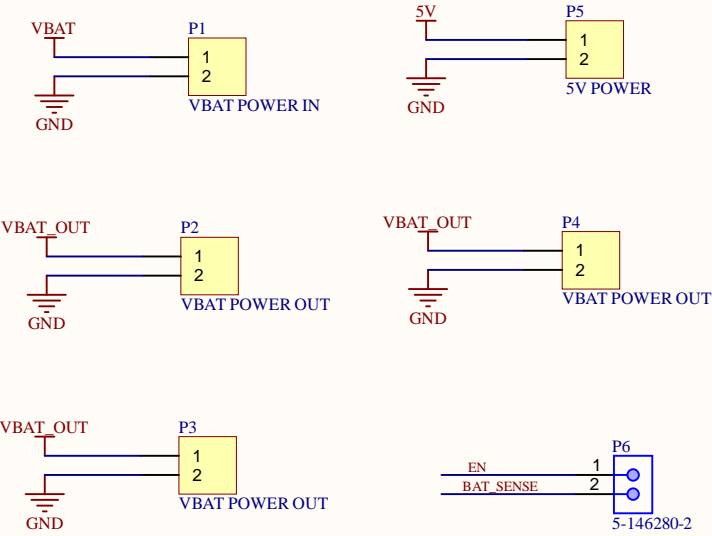
5V Buck Converter



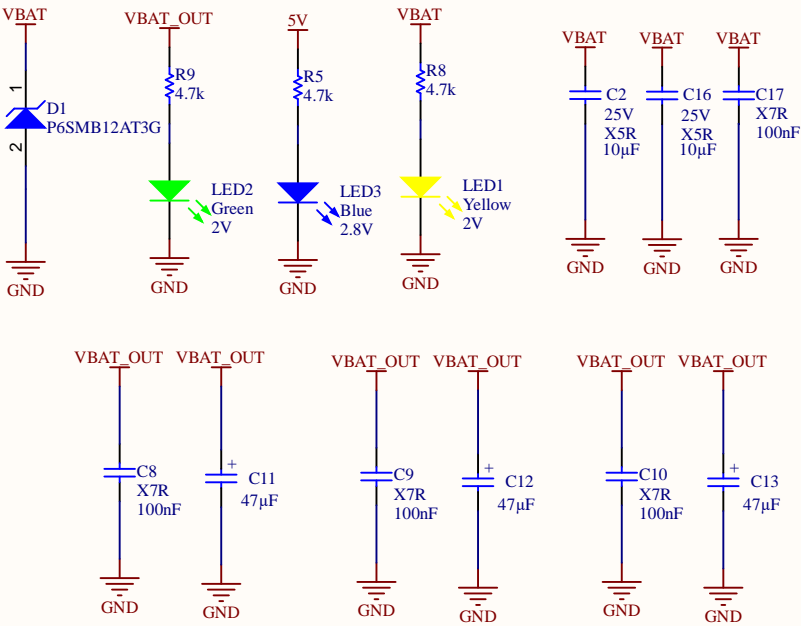
Battery Sense



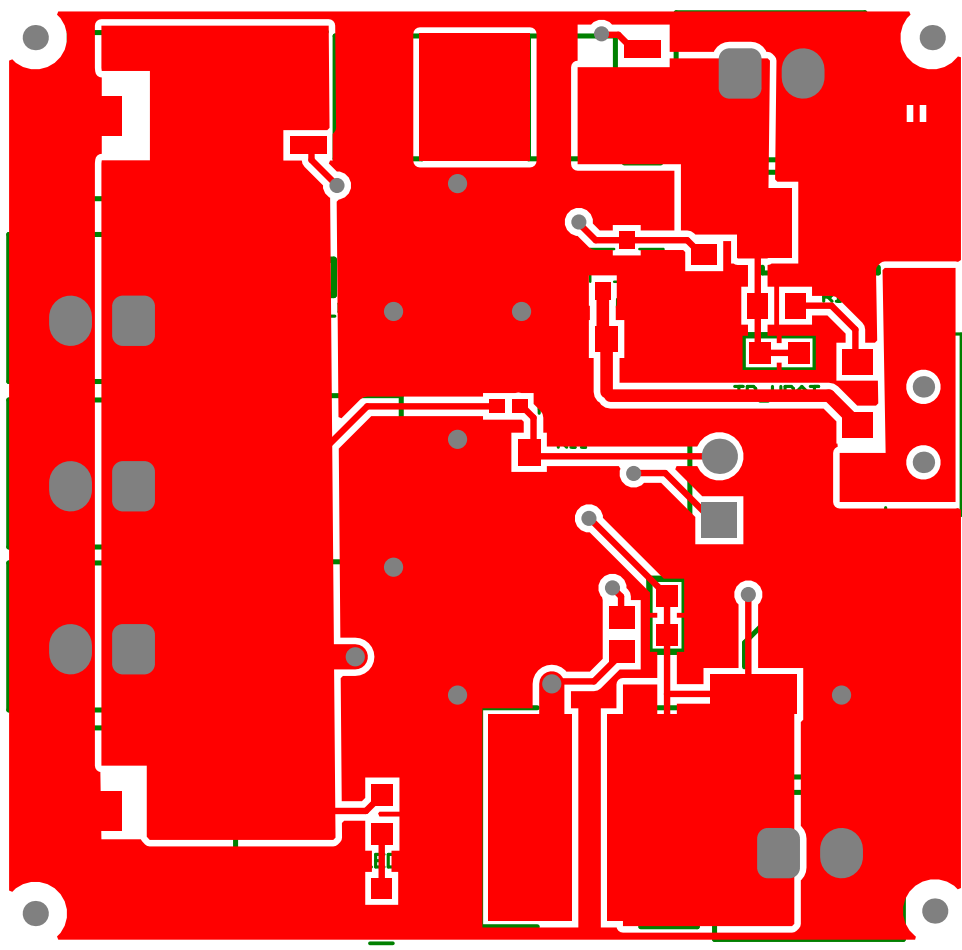
Connectors

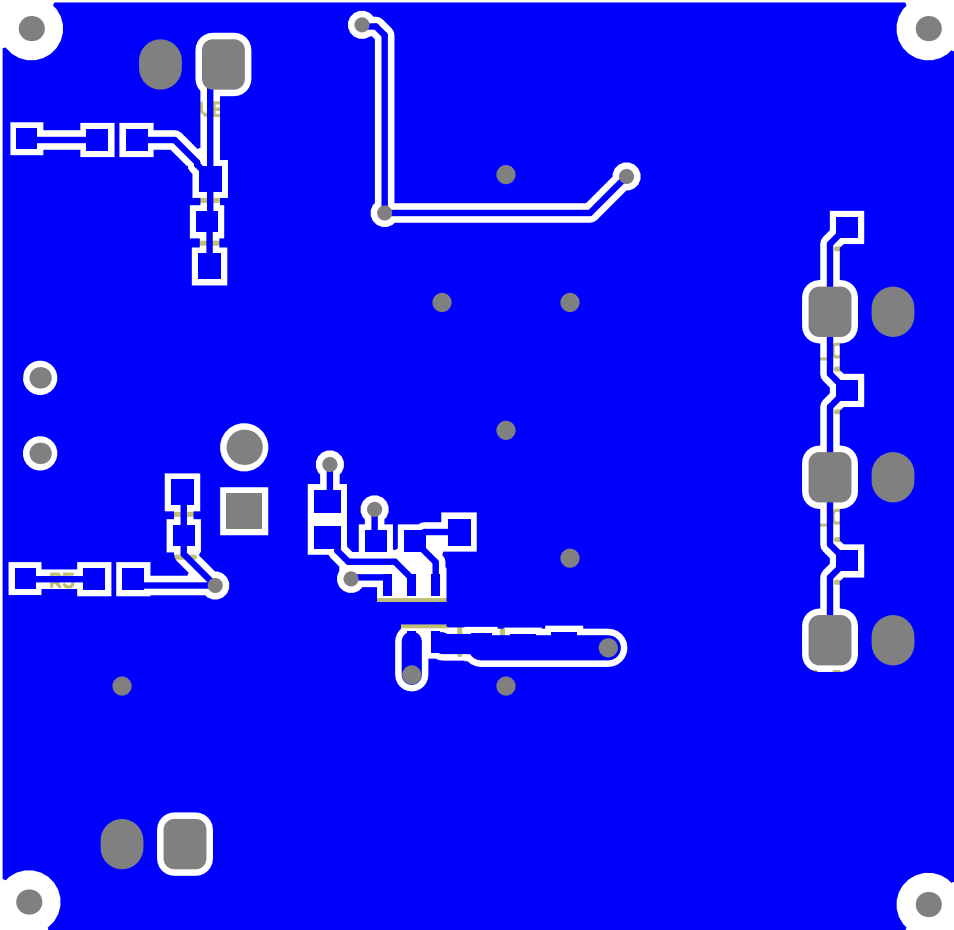


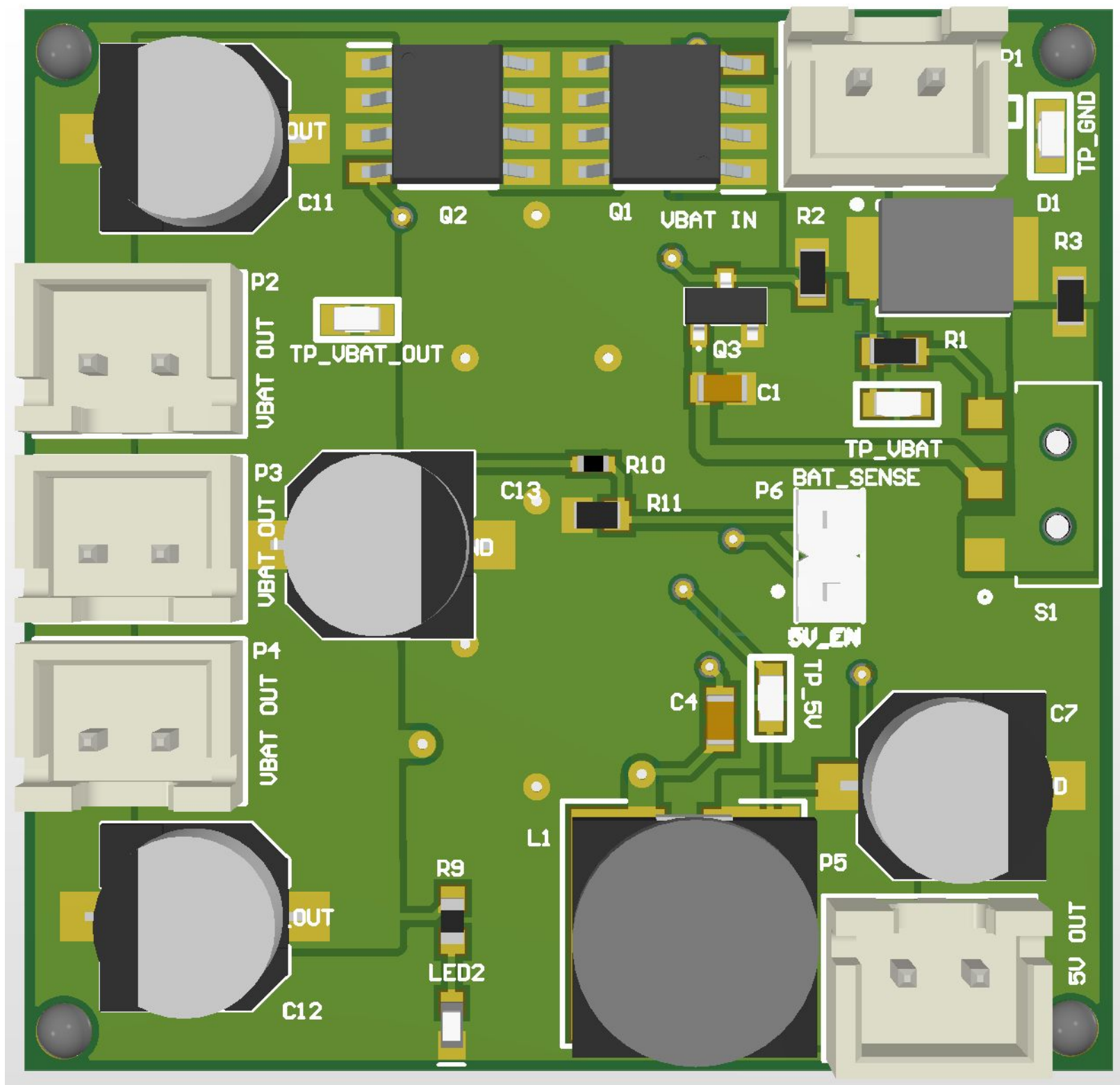
Capacitors, Indicators and TVS Diodes



APPROVALS		DATE		PROJECT		<div>Altium™</div>				*			
ENG: *		--/--		*						*			
DSN: *		--/--								*			
CHK: *		--/--		PROJECT REVISION:		DOCUMENT REVISION:		DESIGN ITEM:					
				Not in version control		Not in version control		Not in version control					
REFERENCE DOCUMENTS				TITLE									
BOM:				Power Distribution Board									
ASSY DWG:				SIZE		CAGE CODE		DWG NO.				REV	
FAB DWG:				B									
PCB DWG: 1				SCALE:		FILE NAME		Sheet1.SchDoc				SHEET 1 OF 1	







Silk to Silk (Clearance=0.254mm) (All),(All)
Silk To Silk Clearance Constraint: (Collision < 0.254mm) Between Text "5V_EN" (27.15mm,15.108mm) on Top Overlay And Text "5V_EN" (27.239mm,15.199mm) on Top Overlay Silk Text to Silk Clearance [0mm]
Silk To Silk Clearance Constraint: (0.223mm < 0.254mm) Between Text "5V_EN" (27.15mm,15.108mm) on Top Overlay And Track (25.775mm,14.7mm)(27.175mm,14.7mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (0.223mm < 0.254mm) Between Text "5V_EN" (27.15mm,15.108mm) on Top Overlay And Track (27.175mm,11.8mm)(27.175mm,14.7mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (0.189mm < 0.254mm) Between Text "5V_EN" (27.15mm,15.108mm) on Top Overlay And Track (27.38mm,15.96mm)(27.38mm,20.63mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (0.099mm < 0.254mm) Between Text "5V_EN" (27.239mm,15.199mm) on Top Overlay And Track (27.38mm,15.96mm)(27.38mm,20.63mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (0.138mm < 0.254mm) Between Text "5V_EN" (27.239mm,15.199mm) on Top Overlay And Track (29.72mm,15.96mm)(29.72mm,20.63mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (0.041mm < 0.254mm) Between Text "BAT_SENSE" (27.35mm,20.833mm) on Top Overlay And Track (27.38mm,15.96mm)(27.38mm,20.63mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (0.074mm < 0.254mm) Between Text "BAT_SENSE" (27.35mm,20.833mm) on Top Overlay And Track (29.72mm,15.96mm)(29.72mm,20.63mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (0.146mm < 0.254mm) Between Text "C7" (36.458mm,12.45mm) on Top Overlay And Track (36.15mm,11.2mm)(36.15mm,13.425mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (Collision < 0.254mm) Between Text "LED3" (37.691mm,16.55mm) on Bottom Overlay And Track (36.783mm,16.534mm)(37.693mm,16.534mm) on Bottom Overlay Silk Text to Silk
Silk To Silk Clearance Constraint: (0.176mm < 0.254mm) Between Text "P1" (34.667mm,35.725mm) on Top Overlay And Track (34.328mm,31.346mm)(34.328mm,37.188mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (0.149mm < 0.254mm) Between Text "P2" (8.133mm,27.775mm) on Top Overlay And Track (0.347mm,28.379mm)(7.84mm,28.379mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (0.131mm < 0.254mm) Between Text "P2" (8.133mm,27.775mm) on Top Overlay And Track (7.84mm,22.537mm)(7.84mm,28.379mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (0.237mm < 0.254mm) Between Text "P4" (8.208mm,14.675mm) on Top Overlay And Track (0.347mm,15.329mm)(7.84mm,15.329mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (0.206mm < 0.254mm) Between Text "P4" (8.208mm,14.675mm) on Top Overlay And Track (7.84mm,9.487mm)(7.84mm,15.329mm) on Top Overlay Silk Text to Silk Clearance [0.206mm]
Silk To Silk Clearance Constraint: (0.17mm < 0.254mm) Between Text "TP_GND" (37.908mm,31.884mm) on Top Overlay And Track (35.675mm,31.75mm)(37.075mm,31.75mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (0.144mm < 0.254mm) Between Text "TP_GND" (37.908mm,31.884mm) on Top Overlay And Track (35.675mm,34.65mm)(37.075mm,34.65mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (0.144mm < 0.254mm) Between Text "TP_GND" (37.908mm,31.884mm) on Top Overlay And Track (37.075mm,31.75mm)(37.075mm,34.65mm) on Top Overlay Silk Text to Silk Clearance
Silk To Silk Clearance Constraint: (0.105mm < 0.254mm) Between Text "TP_VBAT_OUT" (9.459mm,25.217mm) on Top Overlay And Track (10.35mm,25.975mm)(10.35mm,27.375mm) on Top Overlay Silk Text to Silk
Silk To Silk Clearance Constraint: (0.069mm < 0.254mm) Between Text "TP_VBAT_OUT" (9.459mm,25.217mm) on Top Overlay And Track (10.35mm,25.975mm)(13.25mm,25.975mm) on Top Overlay Silk Text to Silk
Silk To Silk Clearance Constraint: (0.199mm < 0.254mm) Between Text "TP_VBAT_OUT" (9.459mm,25.217mm) on Top Overlay And Track (13.25mm,25.975mm)(13.25mm,27.375mm) on Top Overlay Silk Text to Silk