Layer	Name	Material	Thickness
	Top Overlay		
	Top Solder	SM-002	0.025mm
	Top Surface Finish	Nickel, Gold	0.004mm
1	Top Layer	CF-004	0.035mm
	Dielectric1	PP-008	0.079mm
2	Layer 2	CF-004	0.035mm
	Core	Core-041	O.889mm
3	Layer 3	CF-004	0.035mm
	Dielectric2	PP-008	0.079mm
4	Bottom Layer	CF-004	O.035mm
	Bottom Surface Finish	Nickel, Gold	0.004mm
	Bottom Solder	SM-002	0.025mm
	Bottom Overlay		

Total board thickness:

1.245mm

REQ EXP ILLUM TRIG 1V8 SCK SDA 3V3 GND MIRA050 CIN OSRAM 05/2025 V3.0

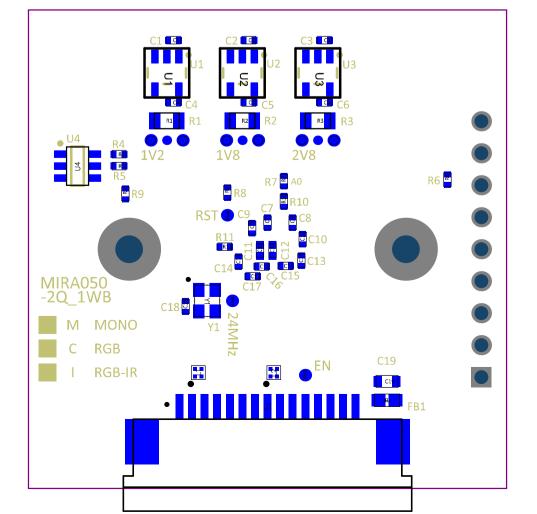
SPECIFICATIONS

```
# FINISHED BOARD TOTAL THICKNESS IS 1.2MM (1.0 to 1.6 acceptable)
```

- # micro vias TOP-L1; first/last dielectric approx 80um for impedance
- # all thru VIAS plugged, filled, tented
- # SILKSCREEN COLOR: WHITE (Yellow acceptable)
- # SOLDER MASK COLOR: GREEN (other dark acceptable)
- # BOARD FINISH: ENIG or ENEPIG

Thickness	Material	Name	Layer
		Top Overlay	
0.025mm	SM-002	Top Solder	
0.004mm	Nickel, Gold	Top Surface Finish	
0.035mm	CF-004	Top Layer	1
0.079mm	PP-008	Dielectric1	
0.035mm	CF-004	Layer 2	2
0.889mm	Core−041	Core	
0.035mm	CF-004	Layer 3	3
0.079mm	PP-008	Dielectric2	
0.035mm	CF-004	Bottom Layer	4
0.004mm	Nickel, Gold	Bottom Surface Finish	
0.025mm	SM-002	Bottom Solder	
		Bottom Overlay	

Total board thickness: 1.245mm



SPECIFICATIONS

- # FINISHED BOARD TOTAL THICKNESS IS 1.2MM (1.0 to 1.6 acceptable)
- # micro vias TOP-L1; first/last dielectric approx 80um for impedance
 - # all thru VIAS plugged, filled, tented
 - # SILKSCREEN COLOR: WHITE (Yellow acceptable)
 - # SOLDER MASK COLOR: GREEN (other dark acceptable)
 - # BOARD FINISH: ENIG or ENEPIG