

A B C D E

1

1

2

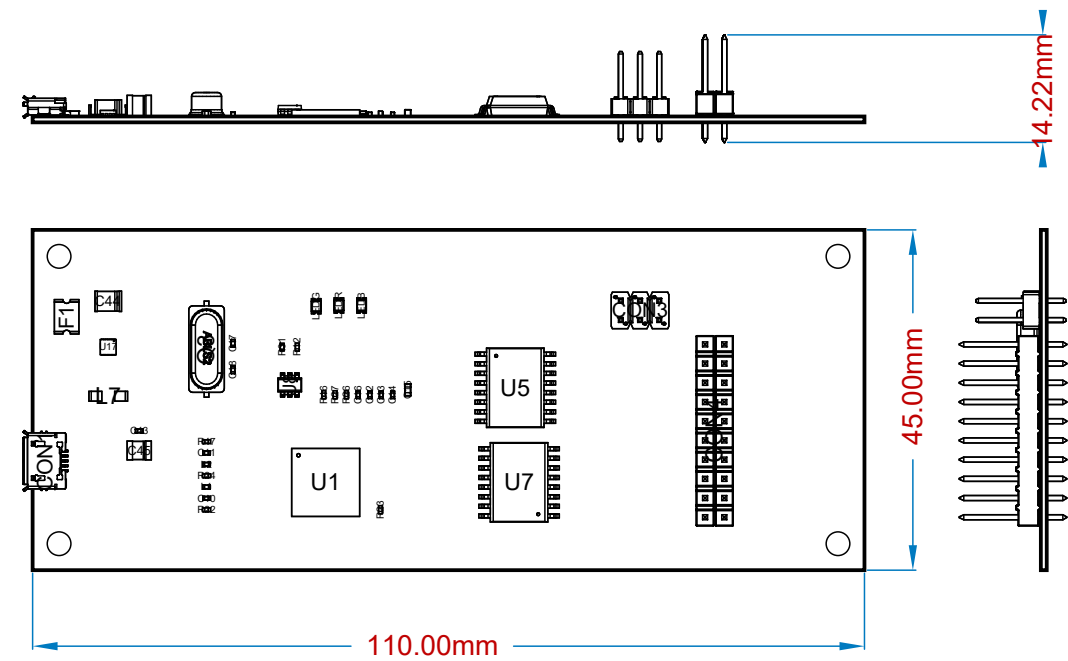
2

3

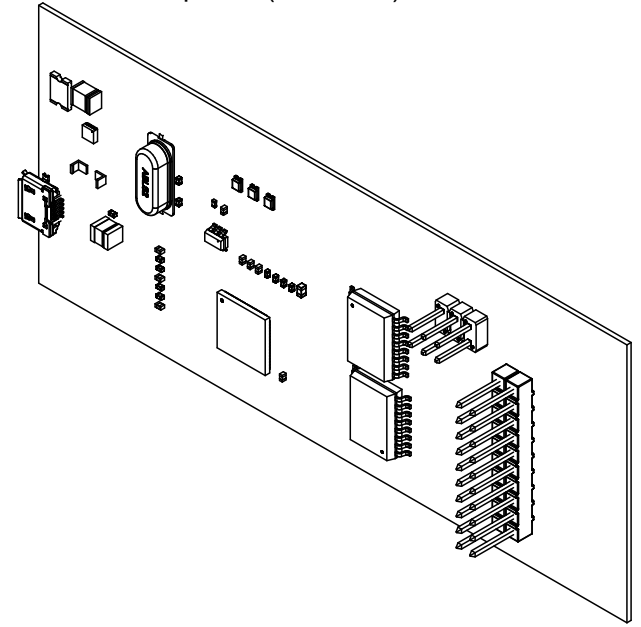
3

4

4

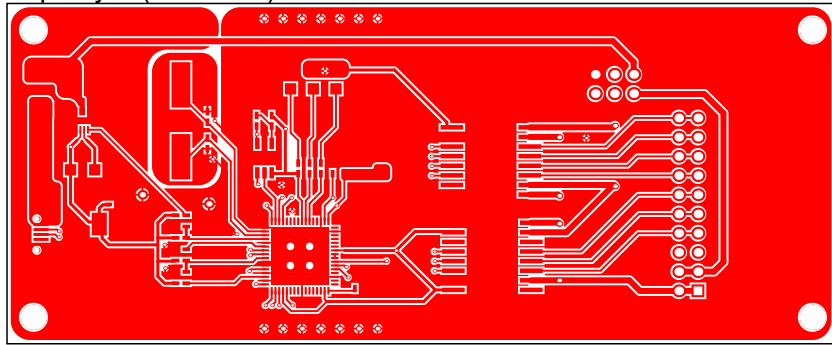


View from Top side (Scale 1:1)

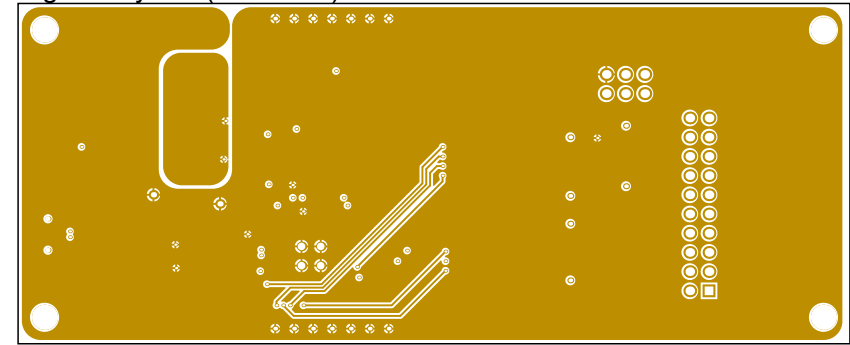


A B C D E

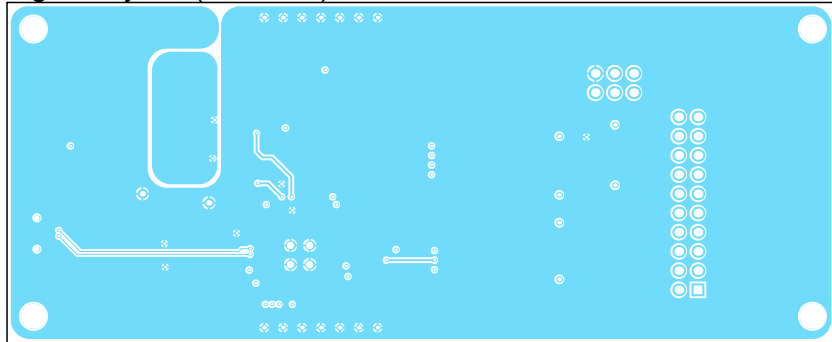
Top Layer (Scale 1:1)



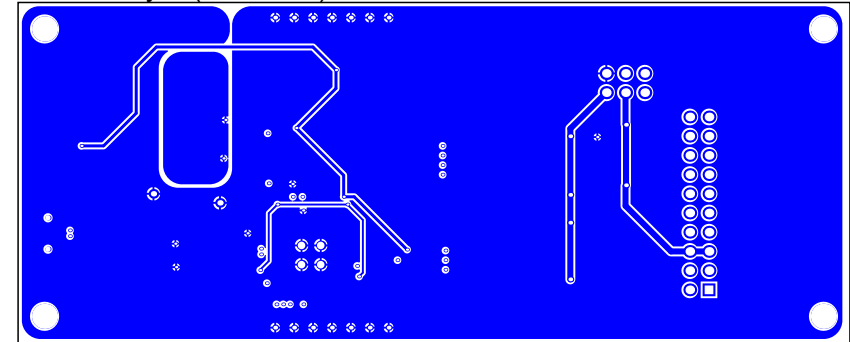
Signal Layer 1 (Scale 1:1)



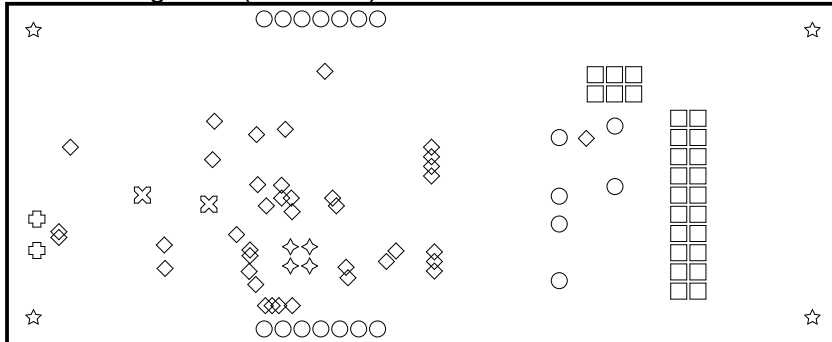
Signal Layer 2 (Scale 1:1)



Bottom Layer (Scale 1:1)



Drill Drawing View (Scale 1:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
◇	39	0.30mm	Plated	None
○	20	0.50mm	Plated	None
⊕	2	0.70mm	Plated	None
⊗	2	0.71mm	Plated	None
◇	4	1.00mm	Plated	None
□	26	1.15mm	Plated	None
☆	4	3.33mm	Plated	None
97 Total				

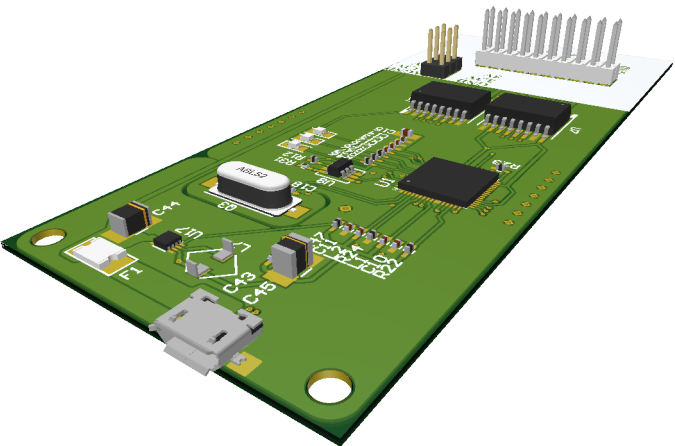
Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
	Surface Material	0.01mm	Solder Resist	Solder Mask	GTS
Copper	Top Layer	0.04mm		Signal	GTL
Core		0.25mm	FR-4	Dielectric	
Copper	Signal Layer 1	0.04mm		Signal	G1
Prepreg		0.13mm		Dielectric	
Copper	Signal Layer 2	0.04mm		Signal	G2
Core		0.25mm		Dielectric	
Copper	Bottom Layer	0.04mm		Signal	GBL
Surface Material	Bottom Solder	0.01mm	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 0.80mm					

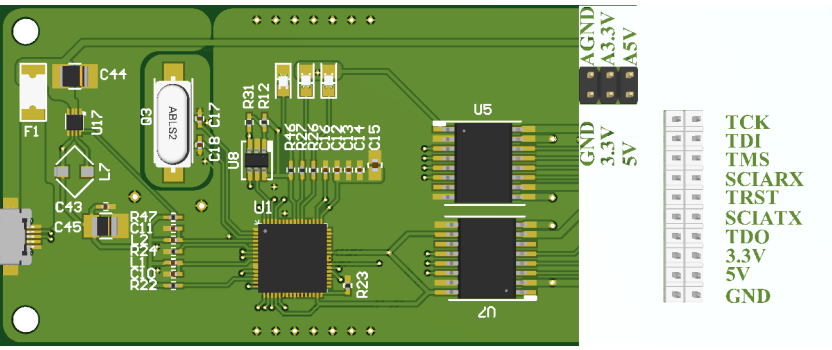
Bill Of Materials

Designator	Name	Quantity	Manufacturer 1	Manufacturer Part Number 1	Supplier 1
C10, C11	GRM155R60J475ME47D	2	Murata	GRM155R60J475ME47D	Digi-Key
C12, C13, C14, C16, C43	GRM155R61A104KA01D	5	Murata	GRM155R61A104KA01D	Digi-Key
C15	C1608X5R1C335K080AC	1	TDK	C1608X5R1C335K080AC	Digi-Key
C17, C18	GRM1555C1H360JA01D	2	Murata	GCM155R71E223KA55D	Digi-Key
C44	GRM32DR71E106KA12L	1	Murata	GRM32DR71E106KA12L	Digi-Key
C45	GRM32ER61E226KE15L	1	Murata	GRM32ER61E226KE15L	Digi-Key
COM4	0022102101	1			Digi-Key
CON1	629105136821	1	Würth Electronics	629105136821	Digi-Key
CON2	2305018-2	1	TE Connectivity AMP	2305018-2	Digi-Key
CON3	87227-3	1			Digi-Key
F1	MF-MSMF050-2	1	Bourns	MF-MSMF050-2	Digi-Key
L1, L2	BLM15AG601SN1D	2	Murata	BLM15AG601SN1D	Digi-Key
L7	CDRH2D18/HPNP-2R2NC	1	Sumida	CDRH2D18/HPNP-2R2NC	Digi-Key
LEDB	150080BS75000	1	Würth Electronics	150080BS75000	Digi-Key
LEDG	150080VS75000	1	Würth Electronics	150080VS75000	Digi-Key
LEDR	150080SS75000	1	Würth Electronics	150080SS75000	Digi-Key
Q3	ABLS2-12.000MHZ-D4Y-T	1	Abracon	ABLS2-12.000MHZ-D4Y-T	Digi-Key
R12	RC0402FR-0710KL	1	Yageo	RC0402FR-0710KL	Digi-Key
R22, R23	RC0402FR-071KL	2	Yageo	RC0402FR-071KL	Digi-Key
R24	RC0402FR-0712KL	1	Yageo	RC0402FR-0712KL	Digi-Key
R26, R27, R46	RC0402FR-07680RL	3	Yageo	RC0402FR-07680RL	Digi-Key
R31	CRCW04022K20FKEDC	1	Vishay Semiconductors	CRCW04022K20FKEDC	Digi-Key
R47	RC0402FR-07100KL	1	Yageo	RC0402FR-07100KL	Digi-Key
U1	FT2232HQ-REEL	1	FTDI	FT2232HQ-REEL	Digi-Key
U5	ISO7240CDWR	1	Texas Instruments	ISO7240CDWR	Digi-Key
U7	ISO7231CDWR	1	Texas Instruments	ISO7231CDWR	Digi-Key
U8	93LC56BT-I/OT	1	Microchip	93LC56BT-I/OT	Digi-Key
U17	TPS62162DSGT	1	Texas Instruments	TPS62162DSGT	Digi-Key

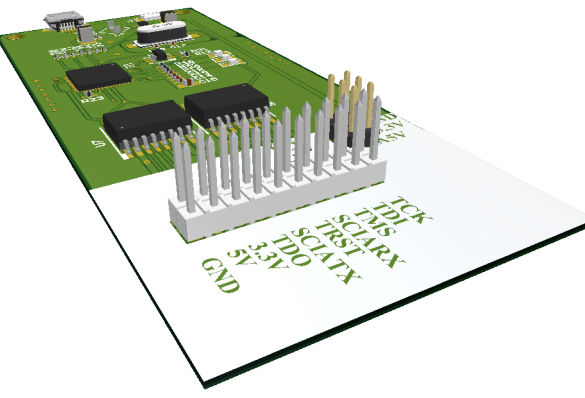
Realistic View



Realistic View



Realistic View



Realistic View

