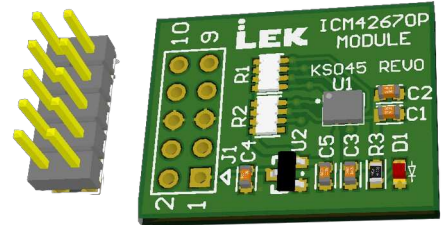


KS045 ICM42760P MOTION TRACKER BOARD

• DESCRIPTION

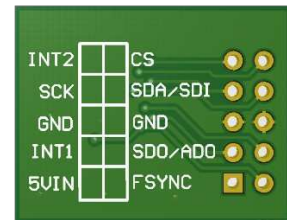
The KS045 ICM42760P Motion Tracker Board is an evaluation module using the ICM-42760-P from TDK InvenSense.

This is a high performance 6-axis MEMS MotionTracking device that combines a 3-axis gyroscope and a 3-axis accelerometer.



• FEATURES

- On-board 3.3V regulator.
- 10pin header for power and signal, 2.54mm pitch.
- Host interface options of I2C/SPI/I3C
- User selectable Gyro range up to +/- 2000dps
- User selectable Accelerometer range up to +/- 16g

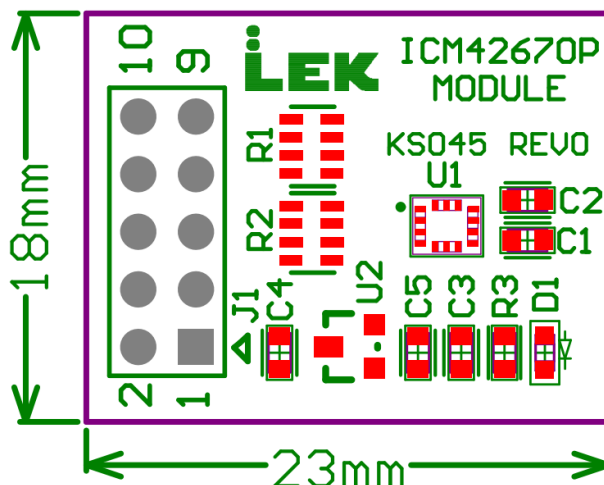


• ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT
Supply voltage	V_{IN}	4	5	6	VDC
Supply current	I_{IN}		1.3		mA
Digital high level input voltage		2.3	3.3		V
Digital low level input voltage			0	0.9	VDC

• PACKAGE DIMENSIONS

(ALL DIMENSIONS IN MM)



- SCHEMATIC

