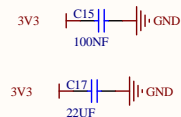
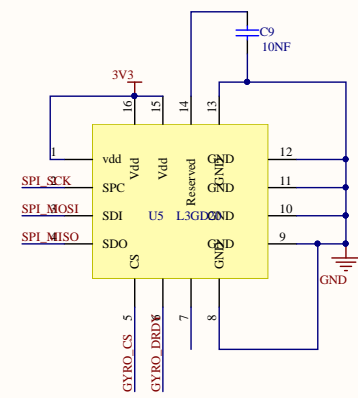
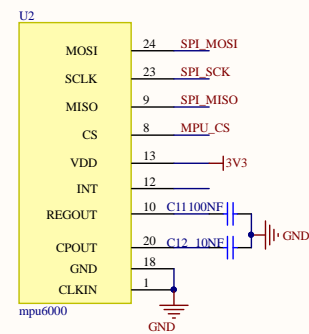
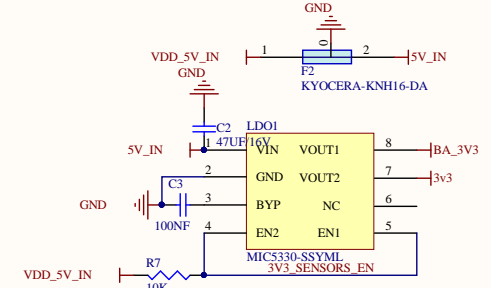


Diagram showing the connections for pins 1 through 11 of the 55560-0207 module:

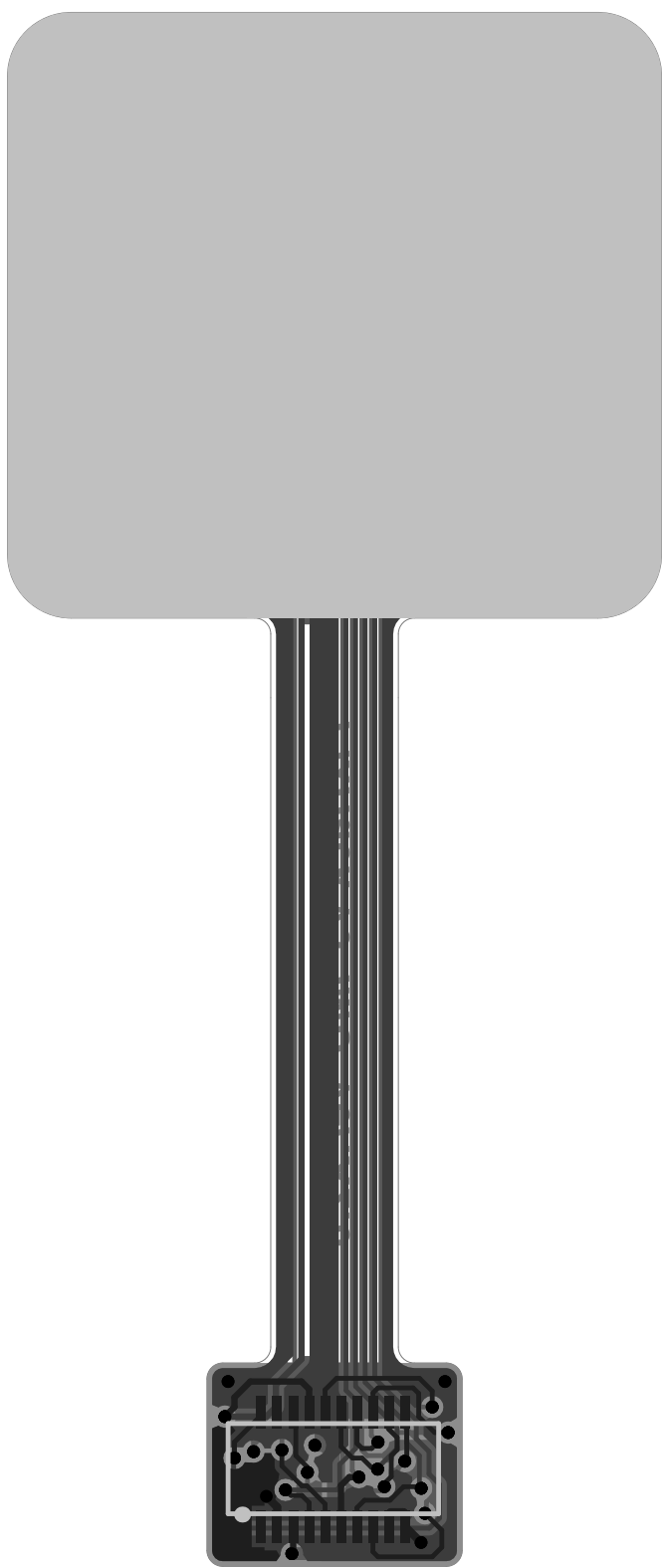
- Pin 1: con1
- Pin 2: 20 3V3 SENSORS\_EN
- Pin 3: 19 SPI MAG\_CS
- Pin 4: 18 MPU\_CS
- Pin 5: 17 IMU\_TEMP
- Pin 6: 16 SPI\_SCK
- Pin 7: 15 SPI\_MOSI
- Pin 8: 14 SPI\_MISO
- Pin 9: 13 GYRO\_CS
- Pin 10: 12 MPU\_INT\_CS
- Pin 11: 11 MPU\_DRDY

Additional connections shown:

- GND and VDD\_SV\_IN are connected to pins 2 and 3 respectively.
- GND is connected to pin 10.



Title		
Size A3	Number	Revision
Date: 2018/7/13	Sheet of	
File: F:\WORD-工作文档\1\JM3.3X.SchDoc	Drawn By:	



Comment	Description	Designator	Footprint	LibRef	Quantity
10UF	Capacitor	C1	0402CAP	Cap	1
47UF/16V	Capacitor	C2, C20	0805CAP	Cap	2
100NF	[NoValue], Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor	C3, C5, C6, C11, C14, C15, C16, C18, C19, C35, C43	0402CAP	Cap	11
10NF	Capacitor	C4, C9, C12	0402CAP	Cap	3
2.2UF/10V	Capacitor	C7	0402CAP	Cap	1
4.7UF	Capacitor	C8	0805CAP	Cap	1
470NF	Capacitor	C10	0402CAP	Cap	1
10uf	Capacitor	C13	0603c	Cap	1
22UF	Capacitor	C17	0805CAP	Cap	1
D240L		D1	SOD-123	D204L	1
KYOCERA-KNH16-DA		F2	KYOCERA-KNH16-DA	KYOCERA-KNH16-DA	1
MIC5330-SSYML		LDO1	MIC5530	MIC5530	1
MMBT3906*SMD	TRANSISTOR SWITCHING PNP SOT-23	Q1	SOT23-BEC	MMBT3906*SMD	1
0R	RES SMD 5.1 OHM 5% 1/4W 0603, [NoValue]	R1, R11	0603R	Resistor	2
5R5/DNP	[NoValue], RES SMD 5.1 OHM 5% 1/4W 0603, [NoValue], RES SMD 5.1 OHM 5% 1/4W 0603	R2, R3, R4, R8	0603R	Resistor	4
2.2K	RES TF 4.99K OHM 1% 1/16W 0402	R5	0402r	RMCF0402FT4K99	1
10K	RES TF 4.99K OHM 1% 1/16W 0402	R6, R7	0402r	RMCF0402FT4K99	2
1K8		R9	0402r	RMCF0402FT4K99	1
2.2R	RES SMD 5.1 OHM 5% 1/4W 0603	R10	0603R	Resistor	1
51R	RES SMD 5.1 OHM 5% 1/4W 0603, [NoValue]	R12, R13	0603R	Resistor	2
MPU-6000	GYRO/ACCELEROMETE R 6AXIS 24QFN	U1	MPU6000	MPU-6000	1
mpu6000		U2	MPU6000	mpu6000	1
ms5611		U3	ms5611	ms5611	1
LSM303D		U4	LSM303D	LSM303D	1
L3GD20		U5	L3GD20	L3GD20	1
MPU9250/DNP		U6, U7	QNF24_0.4	MPU9250	2
55560-0207		con1	55560-0207	55560-0207	1