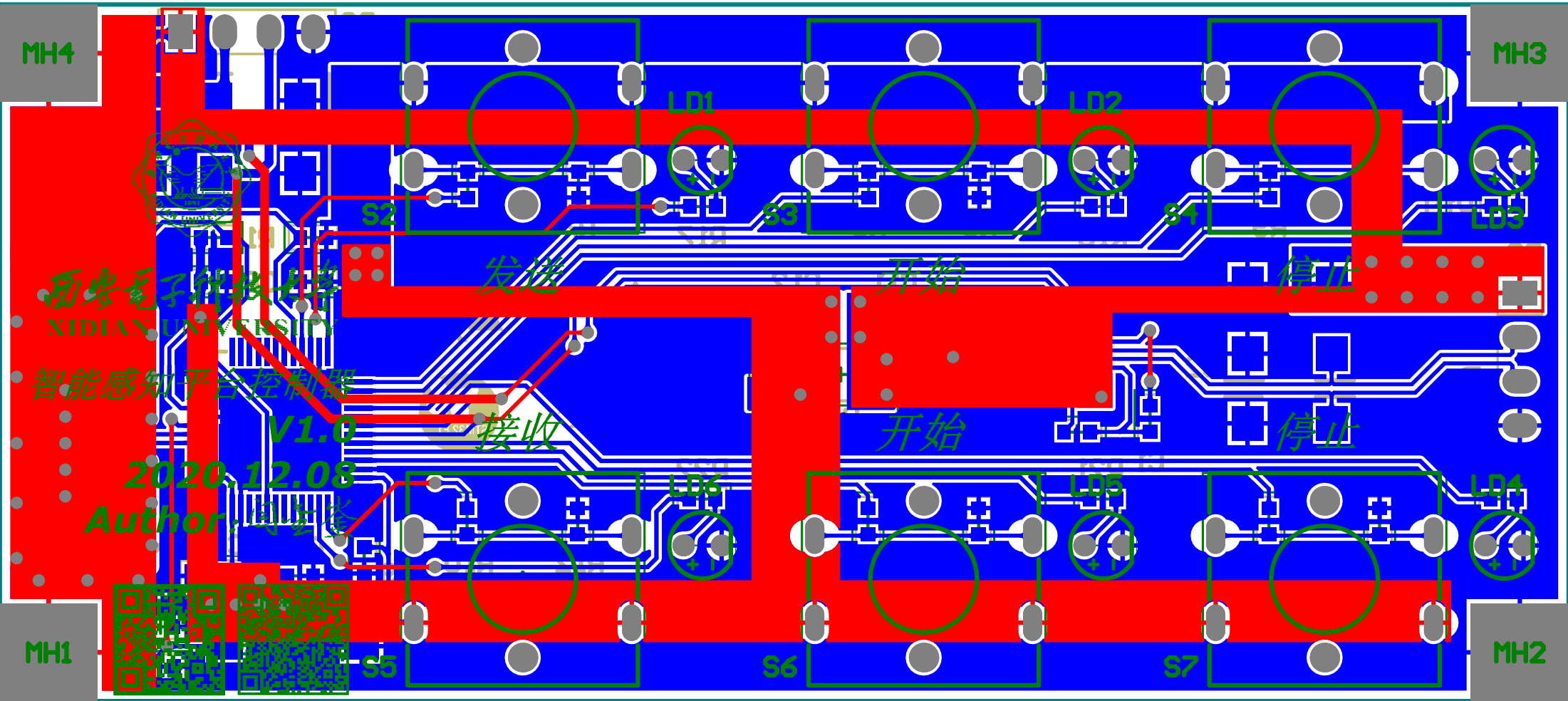


Title			Drawn By 闫金崑
Size: A4	Number:	Revision:	Company
Date: 2022/1/19	Time: 15:08:05	Sheet of	西安电子科技大学
File: E:\Masters_Graduation_Design\Project\Microwave_Intelligent_Perception_Platform\Integrated_Platform_Controller\PCB_Project\Schematic			





Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	Capacitor	C1, C4, C6, C7, C8, C9, C11, C12	C-0603	CAP	8
20pF	Capacitor	C2, C3	C-0603	CAP	2
4.7μF	Capacitor	C5	C-0805	CAP	1
22μF	Capacitor	C10, C13	C-0805	CAP	2
SMAJ5.0CA	TVS	D1, D2, D3, D4, D5, D6	SMA-DO-214AC	TVS	6
LED	LED	LD1, LD2, LD3, LD4, LD5, LD6	LED-RED-3MM	LED	6
Mounting Hole 3MM	Mounting Hole 3MM	MH1, MH2, MH3, MH4	MOUNT	Mounting Hole 3MM	4
SW-SMD-2p	SW-SMT-2p	P1	SW-2p-1.27mm	SW-SMD-2p	1
Header 4	Header 4	P2, P3	SIP4	Header 4	2
10K	Potentiometer	R1, R2, R3, R4, R7, R8, R11, R12, R15, R16	R-0603	RES	10
1K	Potentiometer	R5, R6, R9, R10, R13, R14, R17, R18, R19, R20, R21, R22	R-0603	RES	12
SW	Key	S1	KEY-SMD_3X6	KEY	1
SW	Key	S2, S3, S4, S5, S6, S7	KEY-DIP-12X12X7.3	KEY	6
STM32F103CBT6	STM32 ARM-based 32-bit MCU with 128 Kbytes Flash, 48-pin LQFP, Industrial Temperature	U1	LQFP48	STM32F103CBT6	1
CP2102	CP2102	U2	QFN-28	CP2102	1
ME6211C33M5G	ME6211H/C	U3	SOT-23-5	ME6211H/C	1
8MHz	CRYSTAL	Y1	XTAL-QC49/SMD	XTAL	1