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全球领先的物联网终端及无线数据方案提供商

LM756

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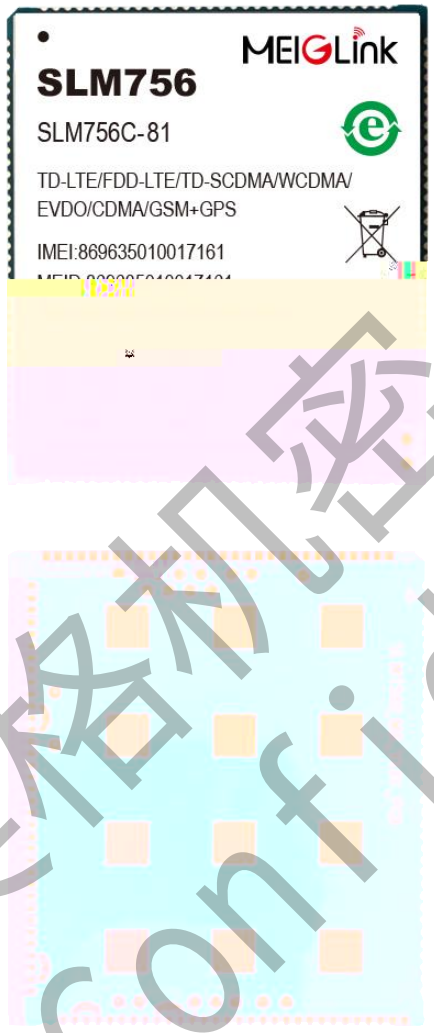

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pin#	pin name	Pad characteristics	Functional description
1	MIPI_DSI0_LANE3_N	AI, AO	MIPI display serial interfact0l interfa1196 371.98

16	MIPI_CSI0_LANE0_N

USB VBUS Voltage
Power on key
GND
RF signal
GND
GND
PMIC reset
Configurable I/O I2C or GPIO
Configurable I/O I2C or GPIO
GND
RF signal-GPS ANT
GND
RF signal-FM ANT
GND
RF signal-DIV ANT
GND
Configurable MPP; used for ADC IN
VCOIN
Configurable I/O,
Configurable I/O,
Configurable I/O CTP I2C
Configurable I/O CTP I2C
Configurable I/O Touchscreen interrupt
Configurable I/O Touchscreen reset
Configurable I/O SMB I2C
Configurable I/O SMB I2C
Configurable I/O UARTor I2C SCL
Configurable I/O UARTor I2C SDA
Configurable I/O UART
Configurable I/O UART

87	GND	GND	GND
88	UIM1_DET_N	DI,B-PD:nppukp	Configurable I/O UIM1 removal detection
89	GPIO3	B-PD:nppukp	Configurable I/O
90	GPIO2	B-PD:nppukp	Configurable I/O
91	GPIO1	B-PD:nppukp	Configurable I/O
92	GPIO0	B-PD:nppukp	Configurable I/O
93	GND	GND	GND
94	VREG_L11_SDC	PO	PMIC output 2.95V
95	SDC2_SDCARD_DET		

122	MIPI_DSI0_LANE0_P	AI, AO	MIPI display serial interface 0 lane 0 ±positive
123	MIPI_DSI0_LANE1_N	AI, AO	MIPI display serial interface 0 lane 1 ± negative
124	MIPI_DSI0_LANE1_P	AI, AO	MIPI display serial interface 0 lane 1 ±positive
125	MIPI_DSI0_LANE2_N	AI, AO	MIPI display serial interface 0 lane 2 ±negative
126	MIPI_DSI0_LANE2_P	AI, AO	MIPI display serial interface 0 lane 2 ±positive
127	GPIO36	B-PD:nppukp	Configurable I/O
128	GPIO90_KEY_VOL_UP	DI;B-PD:nppukp	Configurable I/O Keypad sense bit 0
129	GPIO98	B-PD:nppukp	Configurable I/O
130	GPIO95	B-PD:nppukp	Configurable I/O

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4.1

4.1

	-25	-	75	
	-40	-	90	

4.3

4.3

VBAT	3.4		4.2	V
VBUS	4	5	6	V
	2.5	2.8	-	V

4.4

4.4 1.8V

V_{IH}		1.17	-	-	V
V_{IL}		-	-	0.63	V
V_{OH}		1.35	-	-	V
V_{OL}		-	-	0.45	V

4.5SIM_VDD

4.5 SIM_VDD

V_O		-	3	-	V
		-	1.8	-	
I_O		-	-	55	mA

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4.6PWRKEY

4.6 PWRKEY

PWRKEY		1.4	-	-	V
		-	-	0.6	V
		2000			ms

4.7VCOIN

4.7 VCOIN

VCOIN-IN	VCOIN	2	3	3.25	V
IRTC-IN	VCOIN	-		8	uA
VCOIN-OUT	VCOIN	-	3	-	V
IRTC-OUT	VCOIN	-		2	mA

4.8 VBAT=3.8V

4.8

VBAT			3.4	3.8	4.2	V
Ivbat			-	-	29	uA
		GSM	-	-	2.5	mA
		WCDMA	-	-	2.4	mA

		TD-S	-	-	3.0	mA
		CDMA	-	-	3.0	mA
		FDD			2.0	mA
		TDD			2.1	mA
		GSM900 CH62 32dBm	-	-	290	mA

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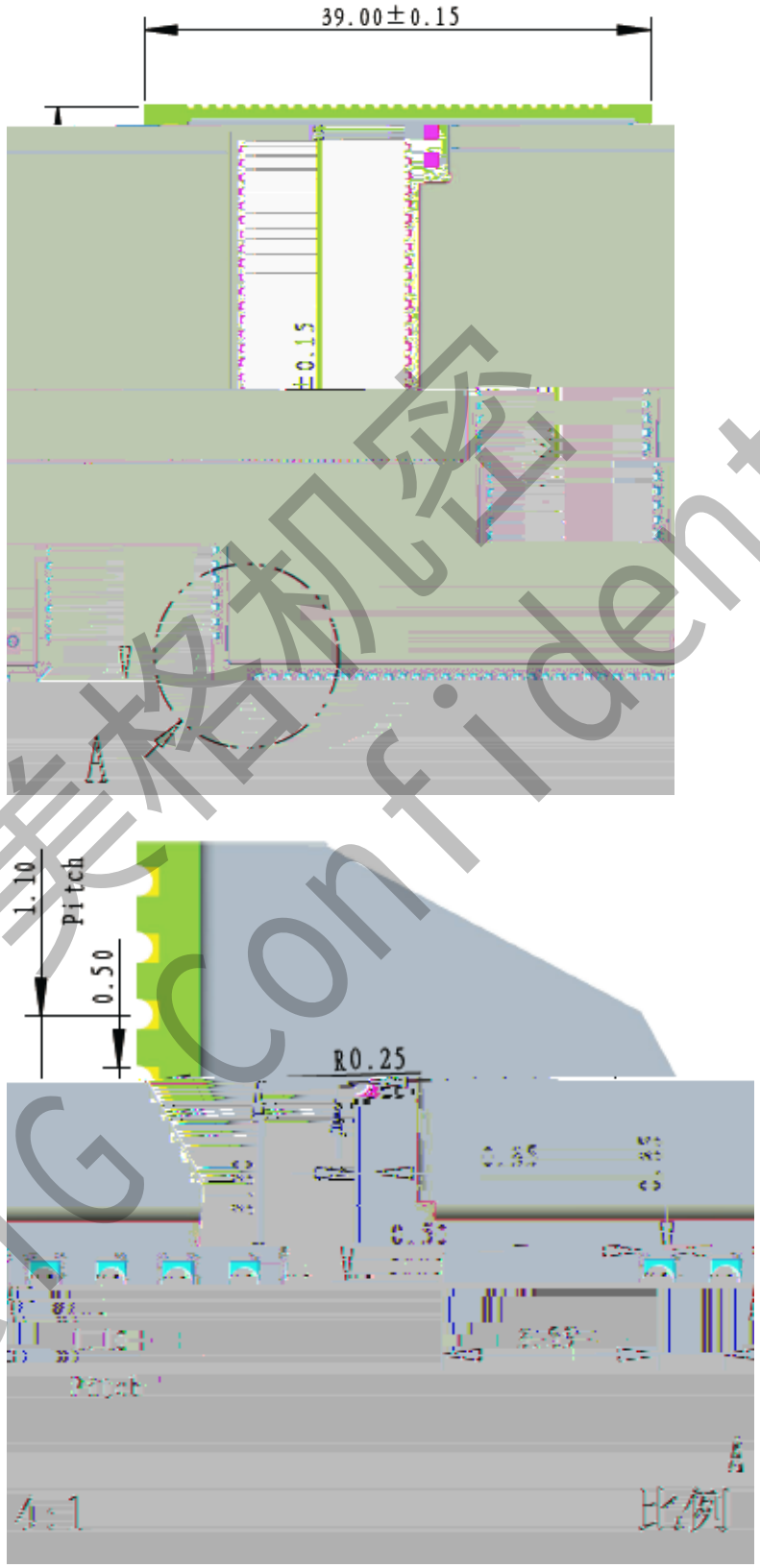

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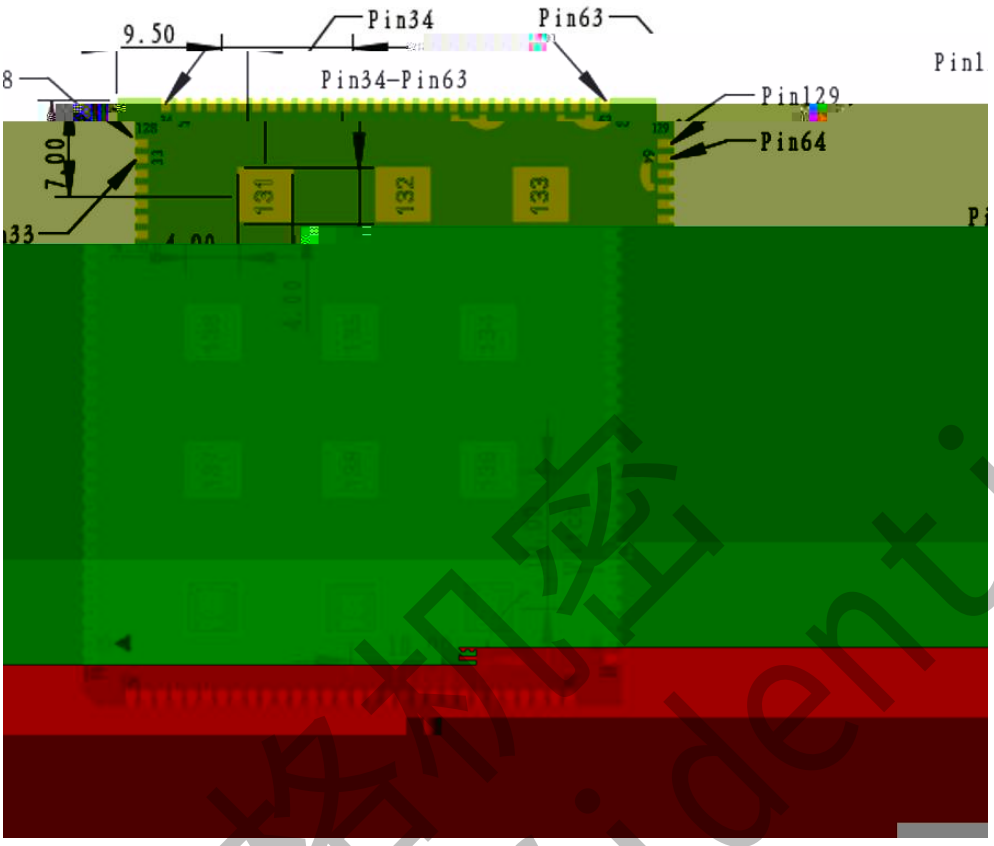

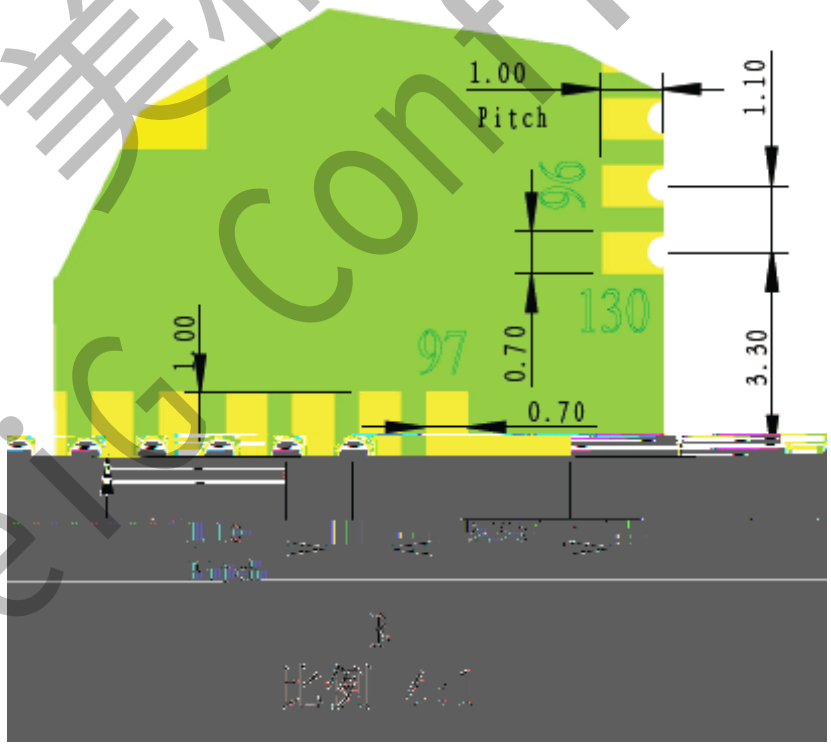

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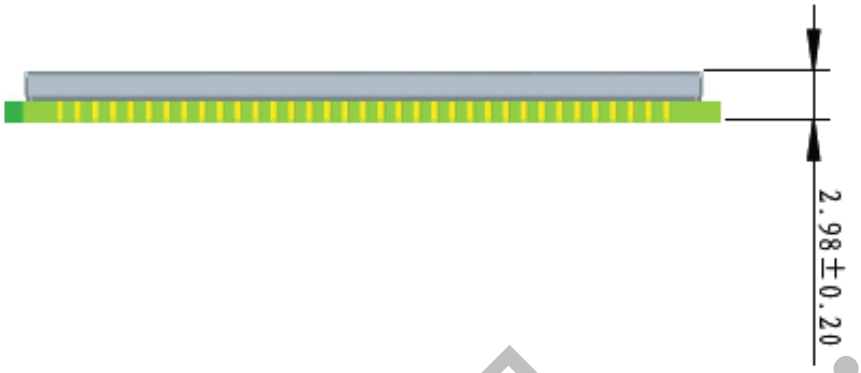

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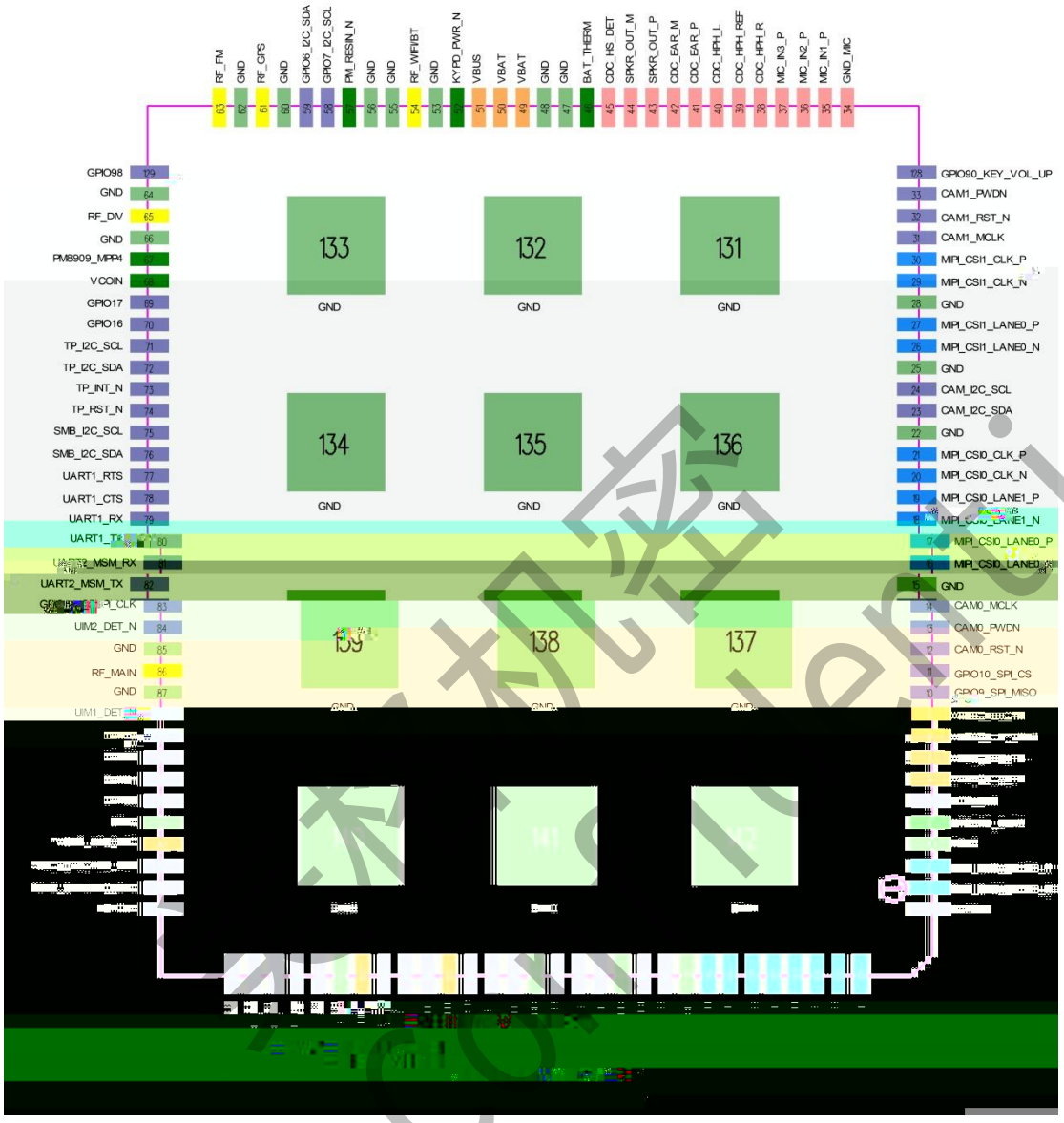

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