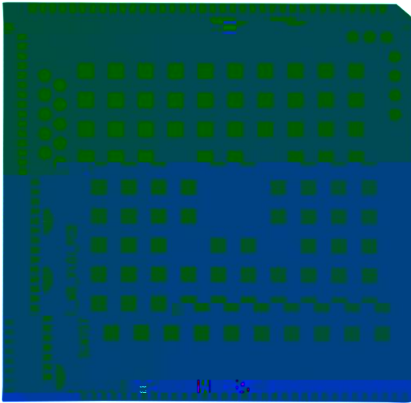




SLM757

8GB(16GB)

GNSS		GPS/Beidou/Glonass/Galileo
	TD-LTE	Cat4 TD-LTE 117/30Mbps
	FDD-LTE	Cat4 FDD-LTE 150/50Mbps
	DC-HSPA+	42/11.2Mbps
	TD-HSPA	2.8/2.3Mbps
	EVDO Rev.A	3.1/1.8Mbps
	EDGE	Class12, 236.8kbps/236.8kbps
	GPRS	Class12, 85.6kbps/85.6kbps
SIM		DSDS 3.0/1.8V SIM L/W/G+G with CSFB to W/G L/TDS/G+G with CSFB to TDS/G L/EVDO/CDMA1X+ G L/W/TDS/G+CDMA1X, CDMA
Display		Matrix: HD 1280*800 60fps LCM Size: User defined Interface: MIPI DSI 4-lane Interface: main: MIPI CSI 4-lane; front: MIPI CSI 4-lane

Camera

	GPIO	53 GPIO, BLSP GPIO
	VCOIN	
	PIN	LTE LTE GPS 2.4G WiFi-
	Audio	1 MIC 1 MIC 1 0.8W D 1 1

SLM75QE	TDD-LTE: B38/40/41 FDD-LTE: B1/3/5/7/8/20 WCDMA: B1/B5/B8 GSM: B5/3/8
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PIN#	SLM757 Pin name	Pad characteristics	Functional description
1	GND	GND	GND
2	VBUS	PI,PO	USB Voltage
3	VBUS	PI,PO	USB Voltage
4	VBUS	PI,PO	USB Voltage
5	GND	GND	GND
6	GND	GND	GND
7	FLASH_LED1+	AO	

30	GPIO29_CAM_I2C_SDA0	B-PD:nppukp	Configurable I/O,Dedicated camera I2C0 SDA
31	GPIO30_CAM_I2C_SCL0	B-PD:nppukp	Configurable I/O,Dedicated camera I2C0 SCL
32	GPIO62_CAM_DVDD_EN	B-PD:nppukp	Configurable I/O,LDO EN for CAM DVDD
33	GND	GND	GND
34	VREG_L11_2P95	PO	PMIC output 2.95V for SD-card power
35	VREG_L12_PX2_2P95	PO	PMIC output 2.95V for SDC2 signal
36	GPIO67_SDCARD_DET_N	B-PD:nppukp	Configurable I/O,SD card detection
37	GND	GND	GND
38	SDC2_SDCARD_CMD	BH-NP:pdpukp	Secure digital controller 2 command
39	SDC2_SDCARD_CLK	BH-NP:pdpukp	Secure digital controller 2 clock
40	SDC2_SDCARD_D0	BH-NP:pdpukp	Secure digital controller 2 data bit 0
41	SDC2_SDCARD_D1	BH-NP:pdpukp	Secure digital controller 2 data bit 1
42	SDC2_SDCARD_D2	BH-NP:pdpukp	Secure digital controller 2 data bit 2
43	SDC2_SDCARD_D3	BH-NP:pdpukp	Secure digital controller 2 data bit 3
44	GND	GND	GND
45	MIPI_CSI0_LANE1_N	AI	MIPI camera serial interface 0 lane1-
46	MIPI_CSI0_LANE1_P	AI	MIPI camera serial interface 0 lane1+
47	MIPI_CSI0_CLK_N	AI	MIPI camera serial interface 0 clock-
48	MIPI_CSI0_CLK_P	AI	MIPI camera serial interface 0 clock+
49	MIPI_CSI0_LANE2_N	AI	MIPI camera serial interface 0 lane2-
50	MIPI_CSI0_LANE2_P	AI	MIPI camera serial interface 0 lane2+
51	MIPI_CSI0_LANE0_N	AI	MIPI camera serial interface 0 lane0-
52	MIPI_CSI0_LANE0_P	AI	MIPI camera serial interface 0 lane0+
53	MIPI_CSI0_LANE3_N	AI	MIPI camera serial interface 0 lane3-
54	MIPI_CSI0_LANE3_P	AI	MIPI camera serial interface 0 lane3+
55	GND	GND	GND
56	MIPI_CSI1_LANE0_N	AI	MIPI camera serial interface 1 lane0-
57	MIPI_CSI1_LANE0_P	AI	MIPI camera serial interface 1 lane0+
58	MIPI_CSI1_CLK_N	AI	MIPI camera serial interface 1 clock-
59	MIPI_CSI1_CLK_P	AI	MIPI camera serial interface 1 clock+
60	MIPI_CSI1_LANE1_N	AI	MIPI camera serial interface 1 lane1-
61	MIPI_CSI1_LANE1_P	AI	MIPI camera serial interface 1 lane1+
62	GND	GND	GND
63	MIPI_DSI0_LANE0_N	AO	MIPI display serial interface 0 lane0-
64	MIPI_DSI0_LANE0_P	AO	MIPI display serial interface 0 lane0+
65	MIPI_DSI0_CLK_N	AO	MIPI display serial interface 0 clock-

66	MIPI_DSI0_CLK_P	AO	MIPI display serial interface 0 clock+
67	MIPI_DSI0_LANE1_N	AO	MIPI display serial interface 0 lane1-
68	MIPI_DSI0_LANE1_P	AO	MIPI display serial interface 0 lane1+
69	MIPI_DSI0_LANE3_N	AO	MIPI display serial interface 0 lane3-
70	MIPI_DSI0_LANE3_P	AO	MIPI display serial interface 0 lane3+
71	MIPI_DSI0_LANE2_N	AO	MIPI display serial interface 0 lane2-
72	MIPI_DSI0_LANE2_P	AO	MIPI display serial interface 0 lane2+

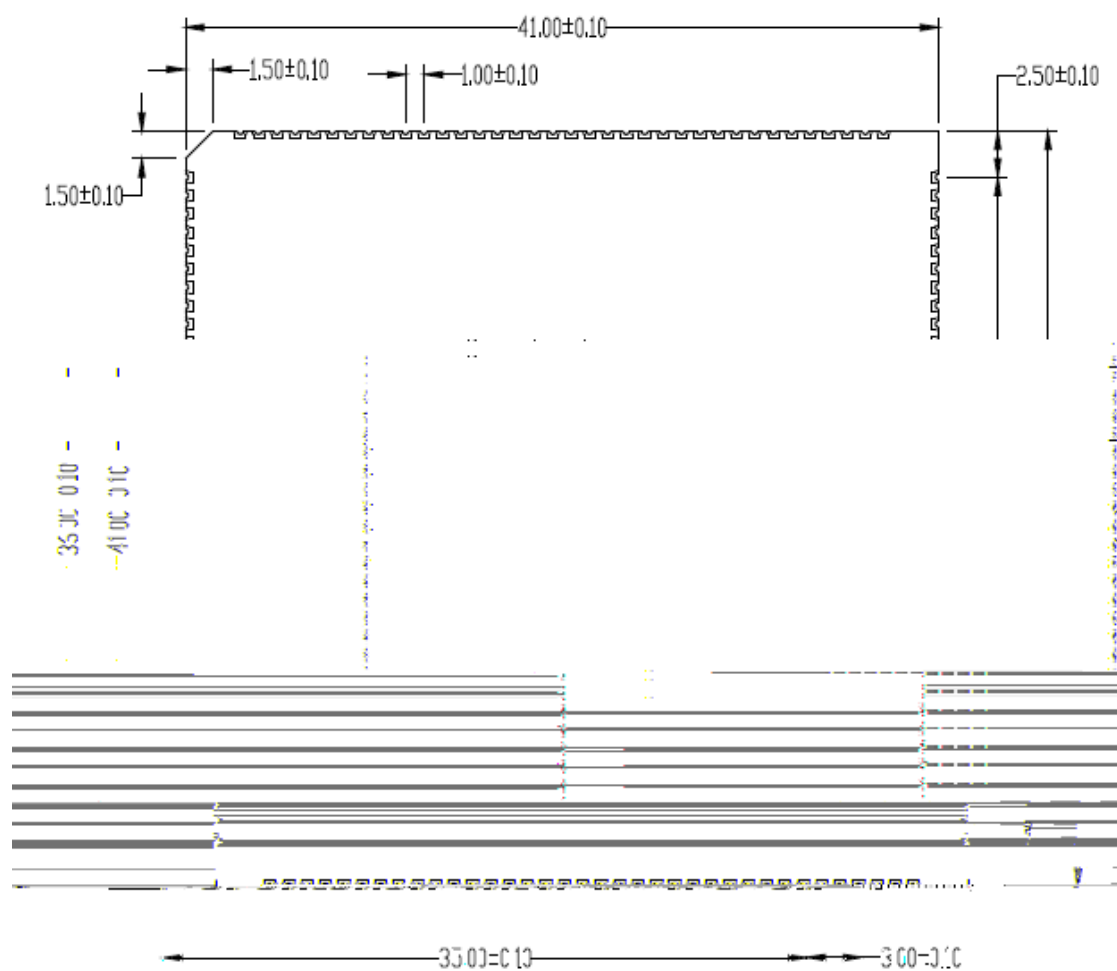
102	UIM1_RESET	B-PD:nppukp	Configurable I/O,UIM1 reset
103	UIM1_CLK	B-PD:nppukp	Configurable I/O,UIM1 clock
104	UIM1_DATA	B-PD:nppukp	Configurable I/O,UIM1 data
105	VREG_L14_UIM1	PO	PMIC output for UIM1
106	GPIO59_SENSOR_RST	B-PD:nppukp	Configurable I/O,secondary LCD RST
107	VREG_L10_2P8_SENSOR	PO	PMIC output 2.8V for sensor
108	VREG_L22_2P8_AVDD	PO	PMIC output 2.8V for camera AVDD
109	VREG_L23_1P2_DVDD	PO	PMIC output 1.2V for camera DVDD
110	GND	GND	GND
111	GND	GND	GND
112	VREG_L17_2P85	PO	PMIC output 2.8V for LCD,CAM,TP
113	VREG_L6_1P8	PO	PMIC output 1.8V for LCD,CAM,TP,sensor

138	USB_ID	AI	USB ID
139	USB_DM	AI,AO	USB data minus
140	USB_DP	AI,AO	USB data plus
141	GND	GND	GND
142	GND	GND	GND
143	VBAT	PI,PO	Battery

174	GND	GND	GND
175	GND	GND	GND
176	GPIO130	B-PD:nppukp	Configurable I/O
177	GND	GND	GND
178	GND	GND	GND
179	GPIO44_MAG_RST_N	B-PD:nppukp	Configurable I/O,Magnetometer interrupt
180	GPIO94	B-PD:nppukp	Configurable I/O
181	GPIO95	B-PD:nppukp	Configurable I/O
182	GPIO123	B-PD:nppukp	Configurable I/O
183	Reserved		Reserved
184	GPIO125	B-PD:nppukp	Configurable I/O
185	GPIO126	B-PD:nppukp	Configurable I/O
186	GPIO129	B-PD:nppukp	Configurable I/O
187	GPIO45	B-PD:nppukp	Configurable I/O
188	GPIO31_CAM_I2C_SDA1	B-PD:nppukp	Configurable I/O,Dedicated camera I2C1 SDA
189	GPIO32_CAM_I2C_SCL1	B-PD:nppukp	Configurable I/O,Dedicated camera I2C1 SCL
190	GND	GND	GND
191	MIPI_CSI1_LANE3_P	AI	MIPI camera serial interface 1 lane3+
192	MIPI_CSI1_LANE3_N	AI	MIPI camera serial interface 1 lane3-
193	GND	GND	GND
194	GND	GND	GND
195	GND	GND	GND
196	GPIO25_LCD_TE1	B-PD:nppukp	Configurable I/O,secondary LCD TE
197	Reserved		Reserved
198	Reserved		Reserved
199	Reserved		Reserved
200	GPIO19_NFC_I2C5_SCL	B-PD:nppukp	Configurable I/O,NFC I2C SCL
201	GPIO18_NFC_I2C5_SDA	B-PD:nppukp	Configurable I/O,NFC I2C SDA
202	GPIO12	B-PD:nppukp	Configurable I/O
203	GPIO90_DMIC0_DATA	B-PD:nppukp	Configurable I/O,Digital MIC0 data
204	GPIO89_DMIC0_CLK	B-PD:nppukp	Configurable I/O,Digital MIC0 clock
205	GPIO99	B-PD:nppukp	Configurable I/O
206	GPIO98	B-PD:nppukp	Configurable I/O
207	GPIO97	B-PD:nppukp	Configurable I/O
208	GPIO96	B-PD:nppukp	Configurable I/O
209	GND	GND	GND

210	GND	GND	GND
211	GND	GND	GND
212	GND	GND	GND
213	GND	GND	GND
214	GND	GND	GND

TOP



6.PIN

