

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 LW/G+G with CSFB to W/G L/TDS/G+G with CSFB to TDS/G L/EVDO/CDMA1X+ G LW/TDS/G+CDMA1X, CDMA	
Display	Matrix: HD 1280*800 60fps	
	LCM Size: User defined	
	Interface: MIPI DSI 4-lane	
Camera	Interface: main: MIPI CSI 4-lane; front: MIPI CSI 4-lane	
	Pixel: Max. 8Mp/ 16Mp	
	Video decode	1080p 30 fps: H264/ MP4/ WMV9/ VC1/ DivX/ VP8 HEVC (H.265) 720p 30fps in SW
	Video encode	1080p 30 fps: H264/ H263/ MP4/ VP8
	home + -	
	TP	
Reset		
	VBAT	3pin

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

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+
73	GND	GND	GND
74	RF_WIFI/BT	AI	RF signal for WIFI/BT
75	GND	GND	GND
76	GPIO5_UART0_RX	B-PD:nppukp	Configurable I/O,UART0 RX
77	GPIO4_UART0_TX	B-PD:nppukp	Configurable I/O,UART0 TX
78	GND	GND	GND
79	GPIO65_TP_INT_N	B-PD:nppukp	Configurable I/O,TP INT
80	GPIO64_TP_RST_N	B-PD:nppukp	Configurable I/O,TP RESET
81	GPIO11_TP_I2C3_SCL	B-PD:nppukp	Configurable I/O,TP I2C SCL
82	GPIO10_TP_I2C3_SDA	B-PD:nppukp	Configurable I/O,TP I2C SDA
83	GND	GND	GND
84	Reserved		Reserved
85	GND	GND	GND
86	GPIO61_LCD_ID	B-PD:nppukp	Configurable I/O,primary LCD ID
87	GPIO60_LCD_RST_N	B-PD:nppukp	Configurable I/O,primary LCD RESET
88	GPIO24_LCD_TE0	B-PD:nppukp	Configurable I/O,primary LCD TE
89	GND	GND	GND
90	RF_MAIN	AI	RF signal for main ANT
91	GND	GND	GND
92	GPIO15_SENSOR_I2C4_SCL	B-PD:nppukp	Configurable I/O,SENSOR I2C SCL
93	GPIO14_SENSOR_I2C4_SDA	B-PD:nppukp	Configurable I/O,SENSOR I2C SDA
94	GPIO7_I2C2_SCL	B-PD:nppukp	Configurable I/O,I2C SCL or UART0 RTS
95	GPIO6_I2C2_SDA	B-PD:nppukp	Configurable I/O,I2C SDA or UART0 CTS
96	UIM2_DET	B-PD:nppukp	Configurable I/O,UIM2 removal detection
97	UIM2_RESET	B-PD:nppukp	Configurable I/O,UIM2 reset
98	UIM2_CLK	B-PD:nppukp	Configurable I/O,UIM2 clock
99	UIM2_DATA	B-PD:nppukp	Configurable I/O,UIM2 data
100	VREG_L15_UIM2	PO	PMIC output for UIM2
101	UIM1_DET	B-PD:nppukp	Configurable I/O,UIM1 removal detection

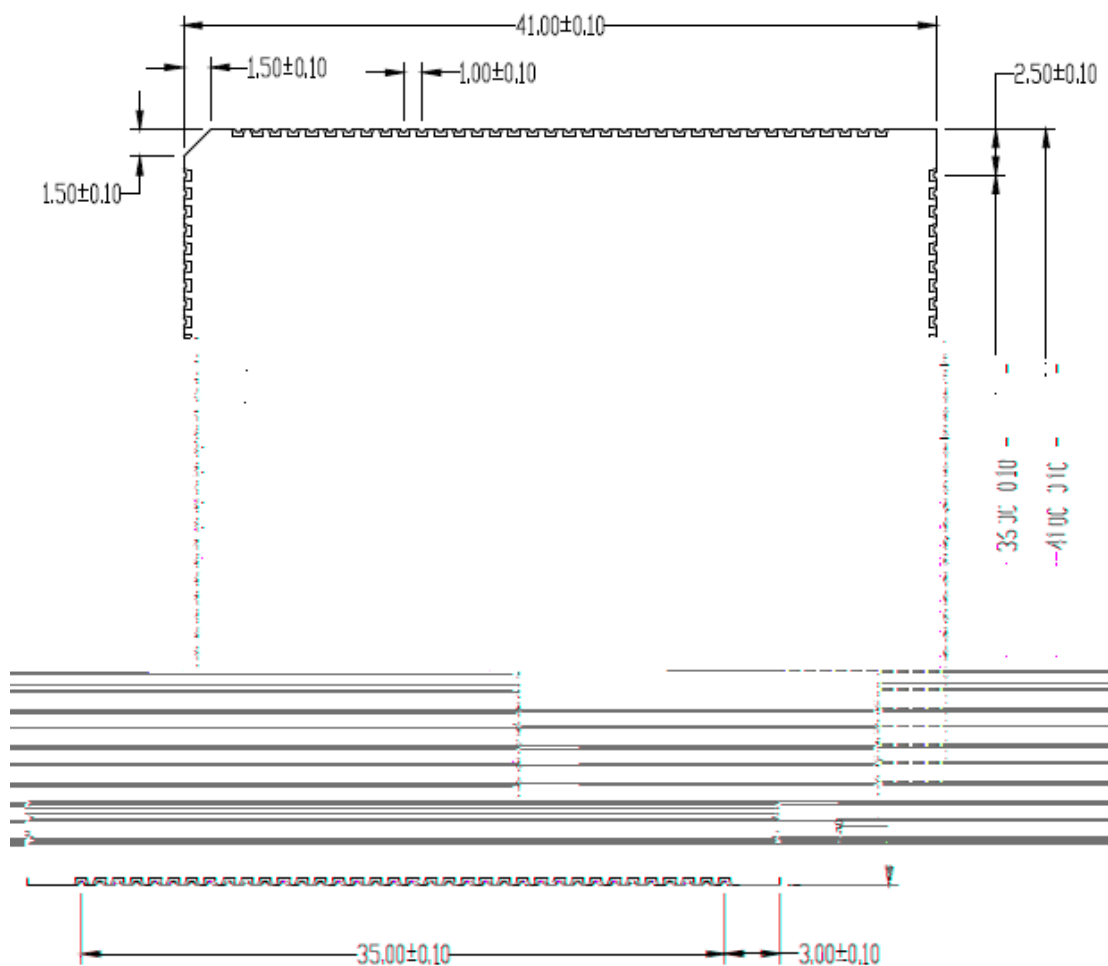
102	UIM1_RESET	B-PD:nppukp	Configurable I/O,UIM1 reset
103	UIM1_CLK	B-PD:nppukp	Configurable I/O,UIM1 clock
104	UIM1_DATA	B-PD:nppukp	Configurable I/O,UIM1 data
105	VREG_L14_UIM1	PO	PMIC output for UIM1
106	GPIO59_SENSOR_RST	B-PD:nppukp	Configurable I/O,secondary LCD RST
107	VREG_L10_2P8_SENSOR	PO	PMIC 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
144	VBAT	PI,PO	Battery
145	VBAT	PI,PO	Battery
146	GND	GND	GND
147	GND	GND	GND
148	GND	GND	GND
149	LCD_CABC	DI	PWM signal from display controller
150	GPIO8	B-PD:nppukp	Configurable I/O
151	GPIO9	B-PD:nppukp	Configurable I/O
152	GPIO92	B-PD:nppukp	Configurable I/O
153	GPIO50_FLASH_FRONT_EN	B-PD:nppukp	Configurable I/O
154	GND	GND	GND
155	GND	GND	GND
156	GPIO38_DCAM_RST	B-PD:nppukp	Configurable I/O,Depth camera reset
157	GPIO27_DCAM_MCLK	B-PD:nppukp	Configurable I/O,Depth camera MCLK
158	MIPI_CSI1_LANE2_N	AI	MIPI camera serial interface 1 lane2-
159	MIPI_CSI1_LANE2_P	AI	MIPI camera serial interface 1 lane2+
160	GND	GND	GND
161	GND	GND	GND
162	GND	GND	GND
163	GPIO33_FLASH_EN	B-PD:nppukp	Configurable I/O
164	Reserved		Reserved
165	Reserved		Reserved
166	Reserved		Reserved
167	Reserved		Reserved
168	Reserved		Reserved
169	FM_ANT	AI	Signal for FM ANT
170	GND	GND	GND
171	GND	GND	GND
172	GPIO13	B-PD:nppukp	Configurable I/O
173	GPIO93	B-PD:nppukp	Configurable I/O

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

