01. COVER



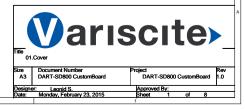
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Disclaimer:

SchematicS are for reference only. Variscite LTD provides no warranty for the use of these schematics.
Schematics are subject to change without notice.

Revision History

Rev 1.0	Initial



VPC1

02.BLOCK DIAGRAM LI-PO BATTERY SUPPLY 5V POWER IN **PMIC** OPTION VBAT SWITCH **→** 3.3V-4.2V INPUT/OUTPUT VPH Power supply 4.0V 5V 3.3V 3.3V SUPPLY 2.95V 2.8V OPTION **SWITCHES** 2.85V x 2 1.8V 1.8V MIPI DSIO DUAL MIPI DSI LVDS HEADERS ΤO **DUALLVDS** MIPI DSI1 HSIC TO 10/100 HSIC ETHERNET ETHERNET HDMI HDMI **ESD PROTECTION** MICRO USB 3.0 USB 3.0 **ESD PROTECTION** OTG + CHARGER USB 2.0 ESD PROTECTION, USB 2.0 POWER SWITCH OTG OV5640 x 1 CAMERA x 2 OV8865 x 1 CODEC DMIC x 2 DMIC x 6 LINE OUT x 2 LINE OUT x 4 **ESD PROTECTION** AMIC x 1 HEADSET HEADSET

DETECT

GPIO

GPIO

Wi-Fi, BT

DART-SD800 External

Connectors

BOOT SELECT, LEDS,

BUTTONS EXTENSION

CONNECTORS

PATCH ANTENNA x 2



EXTERNAL

CONNECTORS

