

# Ruuvitracker

Open Source Tracking Solution

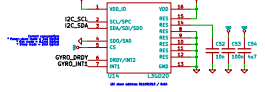
RevB (April 2012)

<http://www.ruuvitracker.fi>

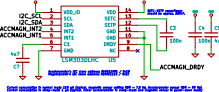
MEMS Microphone



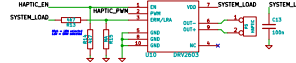
Gyroscope



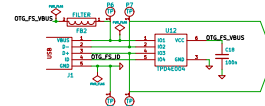
Accelerometer & Magnetometer



Haptic Driver



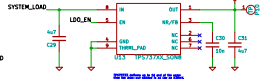
Micro-USB-AB + ESD Protection



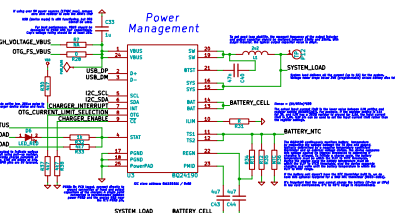
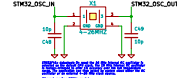
3V3 FET



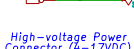
LDO Regulator



Crystal



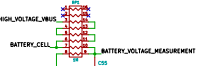
LiPo/Li-ion/LiFePO4 Battery Cell



High-voltage Power Connector (4-17VDC)



Supply voltage divider



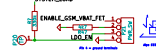
EMI Shield



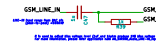
GSM Module's Power Switch



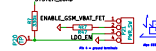
Power Switch



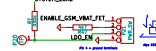
GSM Line-In



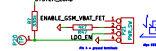
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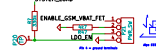
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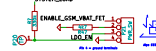
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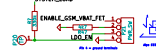
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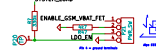
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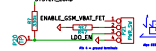
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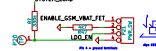
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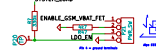
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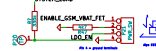
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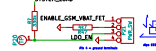
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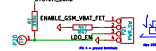
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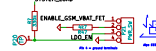
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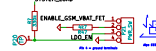
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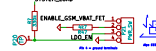
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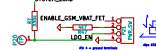
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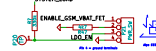
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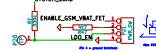
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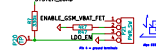
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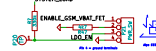
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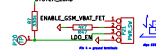
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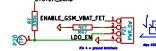
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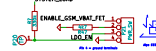
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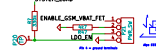
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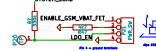
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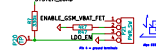
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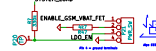
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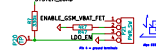
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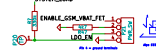
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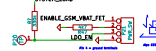
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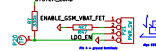
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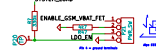
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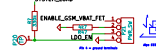
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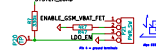
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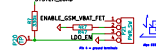
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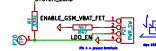
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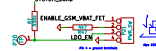
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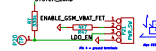
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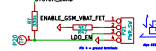
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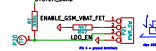
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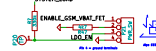
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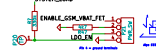
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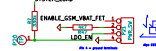
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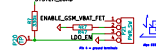
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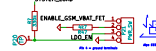
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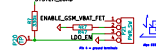
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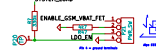
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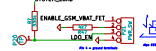
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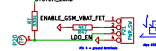
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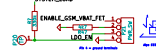
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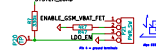
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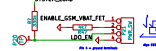
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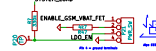
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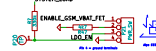
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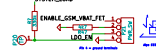
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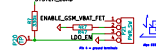
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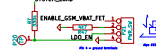
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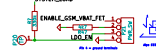
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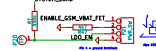
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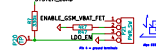
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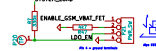
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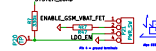
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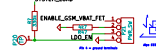
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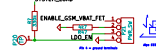
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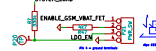
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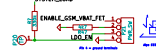
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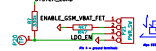
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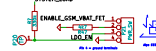
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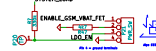
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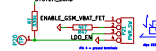
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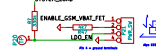
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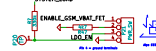
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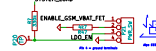
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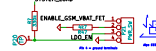
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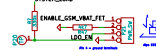
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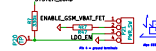
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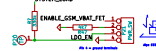
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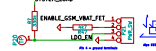
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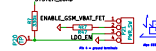
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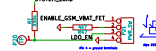
Power Switch



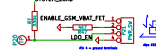
Power Switch



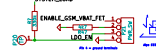
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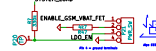
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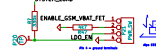
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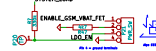
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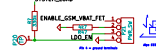
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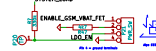
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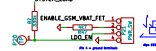
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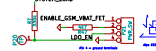
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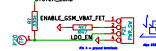
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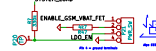
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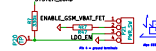
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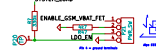
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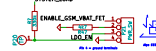
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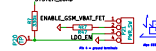
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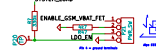
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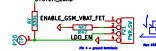
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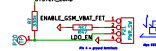
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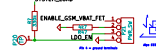
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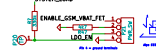
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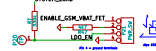
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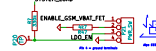
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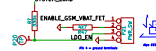
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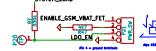
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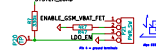
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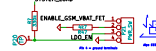
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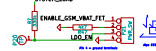
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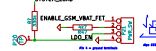
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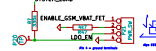
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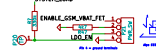
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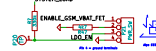
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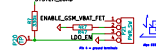
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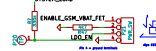
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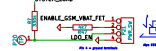
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