



TEXAS INSTRUMENTS
MSP-EXP430F6137R9
[ESD-CID: 242E924E6137R9]
IC: 431H-EV430F6137R9
SN: Base9.02193

868/915MHz



433MHz

↑ e2430
↓ e2430
↑ e2430
↓ e2430

Satellite Board

RF1

RF2

SM L
SM D
SM U
SM R
p2.1
p2.2
p2.3
p2.0

IC2
IC7
Sensor
R34
R33
R32
R31
p3.2

p1.3
p1.2
p1.1
p1.0

TC51
VCC
GND
p5.0
p5.1
p5.2
p5.3
p5.4
p5.5
p5.6
p5.7
p5.8
p5.9
p5.10
p5.11
p5.12
p5.13
p5.14
p5.15
p5.16
p5.17
p5.18
p5.19
p5.20
p5.21
p5.22
p5.23
p5.24
p5.25
p5.26
p5.27
p5.28
p5.29
p5.30
p5.31
p5.32
p5.33
p5.34
p5.35
p5.36
p5.37
p5.38
p5.39
p5.40
p5.41
p5.42
p5.43
p5.44
p5.45
p5.46
p5.47
p5.48
p5.49
p5.50
p5.51
p5.52
p5.53
p5.54
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p5.57
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p5.59
p5.60
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p5.62
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p5.64
p5.65
p5.66
p5.67
p5.68
p5.69
p5.70
p5.71
p5.72
p5.73
p5.74
p5.75
p5.76
p5.77
p5.78
p5.79
p5.80
p5.81
p5.82
p5.83
p5.84
p5.85
p5.86
p5.87
p5.88
p5.89
p5.90
p5.91
p5.92
p5.93
p5.94
p5.95
p5.96
p5.97
p5.98
p5.99
p5.100

Debug Interface

IC6
Full Mode
Limited Mode
LCD Mode
p1.0 Symbols
p1.1 Symbols
p1.2 Symbols
p1.3 Symbols
p1.4 Symbols
p1.5 Symbols
p1.6 Symbols
p1.7 Symbols
p1.8 Symbols
p1.9 Symbols
p1.10 Symbols
p1.11 Symbols
p1.12 Symbols
p1.13 Symbols
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p1.95 Symbols
p1.96 Symbols
p1.97 Symbols
p1.98 Symbols
p1.99 Symbols
p1.100 Symbols

Rev 1.0

Satellite
Base Board
Debug I/F
SMU
Backchannel
GND
UCC

430PWR
DC
BAT
USB
SMU
Reset
Supply
1.8V-3.0V

IC1
IC2
IC3
IC4
IC5
IC6
IC7
IC8
IC9
IC10
IC11
IC12
IC13
IC14
IC15
IC16
IC17
IC18
IC19
IC20
IC21
IC22
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IC100