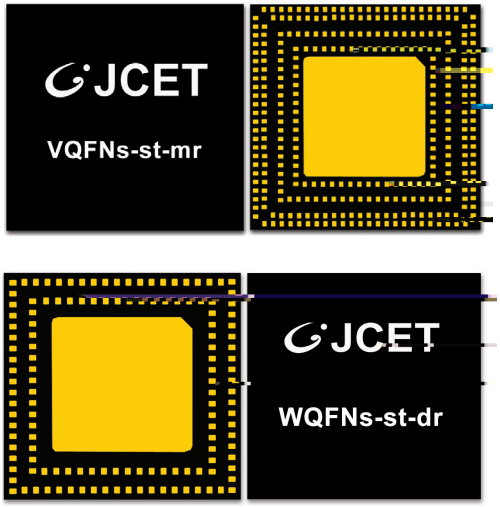
QFN -

Q a F a N -L a Pa a (Sa - T a)

H

Sa a , a - a
S a a b
L a 4 b (QFN)
25-50µ a
M a
T a a : 0.80 & 1.0
I - a



F a

F - a b a ab
F - , a a a a
a a ab

D

O Q a F a N -L a Sa - T a (QFN -) a a a
a b I/O a a a a a QFN
a a . W a QFP a QFN a a 0.4
a a I/O, QFN - a a a I/O a
a a a b a . QFN -
a b a a a
a ab , ,
a a , b a a
a a QFN a a .

T QFN - a a a ba , a a a ,
a a a a a (a a).
A a RLC
a a a a ,a
a , a ab , a
a a a . QFN - a a ab a b a
, a a / a - b a a a b
b a SMT . B a ab a
a b b b a a a .

A a

C a S a
T a
Ra F (RF)
A a a L a
L
ASIC a DSP

T S

P E
P b ab
P a a /
D S a a ab

T . a P . a ⊠ θ a (C/W)

Pa⊠a S.	B S. (.)	D. S. (.)	A. F (/)	TJ (⊠C)	TT (⊠C)	θJA (⊠C/W)	φJT (⊠C/W)	φJB (⊠C/W)
VQFN - -	7 7 0.8	3.8 3.9	NC	52.2	52.1	27.2	0.15	12.3
VQFN - -	11.5 11.5 0.8	5.9 5.7	NC	43.64	43.55	18.6	0.09	4.5

N : D. P (W) 1.0
A b. T. a 25

E ⊠ .⊠a P . a ⊠

E ⊠ .⊠a a a . ⊠ a a. . a⊠a a a . . .3D ⊠ .⊠a .. a . ⊠a b ⊠ ⊠ a⊠a . . b .⊠. ⊠ .⊠a b a . . E ⊠ .⊠a ⊠ a a⊠ . a . a a. ab .

S ⊠ ⊠a .

D. T. ⊠	125-350μ
W.	
G :	18-33μ (0.7-1.3 .) .a
C :	18-33μ (0.7-1.2 .) .a
L a F. .	Ma T. a N./P /A
Ma .	La
Pa⊠. O .	Ta & , b , JEDEC a

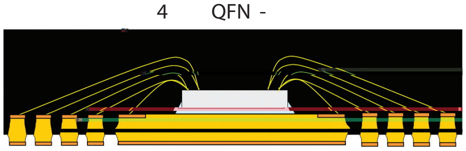
R .ab. .

M . S . . . L	JEDEC MSL 3
T . a C ⊠	-65°C/150°C, 1000 ⊠ ⊠
H. T . a S a	150°C, 1000
P C T	121°C, 100% RH, 2 a . , 168
T . a /H . . . T	85°C/85% RH, 1000

C S ⊠.

2 QFN -

4 QFN -



Pa⊠a C a .