

SF200

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! " #				
\$%&'	SF200			
! ( ) *	V1.00	+, - .	2021.1	
/O1	234	561	789	
: ; < =				
( ) *	: ; > ?	@; 1	561	56+, - .
V1.00	! ( )	234	789	2021.1.25
V1.01	: AB SF200 CDEF GHPCB ( ) J 1.03 KLM 1.04 ( ) N	234	789	2021.4.25
V1.02	: ABDEOPQRSTHUV* WXOPYZN	234	789	2021.12.21
V1.03	[ \ ] ^ DE V * H SF200T-A _ SF200HT-AN	234	789	2022.12.2

. 1 / SF200 O1 23" " 456789

SF200

!

" # \$ % & ' ( ) & \* + , - . / O 1 2 CPU 3 4 5 6 7 8

CPU 9 : ; CPU < \$ = > ? @ A B C D

SF200 E F G H I J K ! " 100 L M N O P Q

5 R S T U V P C I Express W X Y Z [ D \

] ^ F \_ 9 = > I / 0 ` a 5 R b c

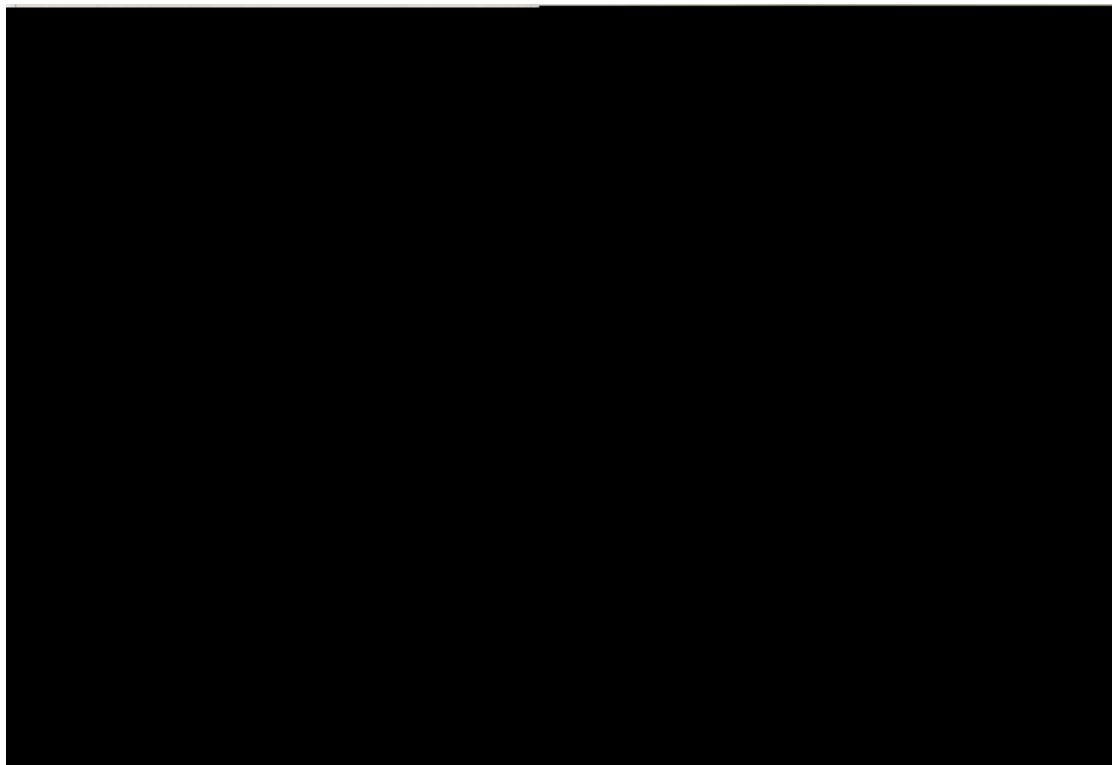
SF200 W X M A C + P H Y d e Q f g \$ Q h i j

P Q 5 k l k m n R h o p q q r s t q r 5

D + u v + , w x y z { | } ~ ! " P C I Express + # \$ % l k &

' ( O } ~

SF200 ) g \* + ,



1.1 : ; < = % > ? @

- D	
. / O	SF200T/SF200HT /SF200T-A/SF200HT-A(+ /1 /ARM 1 )
O2d3	42
526/	10Base-T Category 3 4 5 5E or6, 7 100m
	100Base-Tx Cat5E Cat 5E and Cat6, 7 100m
	1000Base-T Cat 5E and Cat6, 7 100m
Rh6/	2 RJ45Qh
. * 9	3W
PCIe ( O! "	PCI Expressv2.1(5.0GT/s) x4: ; x8<x16
Rh =: ! "	10Mbps/100Mbps/1000Mbps (42)
5%>5	Core5%1.1V <sub>+3%</sub> >5 105%3.3V <sub>+3%</sub> >5
? @	
5%# \$	Yes
IEEE802.3	Yes
! " 9 =:	10BASE-T, 100BASE-TX, 1000BASE-T
! " AB	IEEE 802.3 az IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.1Q VLAN IEEE 802.1ad IEEE 802.3ab
! " CDEF ( G)	SM2/SM3/SM4
! " PCI-SIG	Yes
! " HI	Yes
J K L S M N (VMDq)	Yes
PXE ! "	Yes
FCoE ! "	NO
WOL ! "	NO
NCSI ! "	NO
p q s t ! "	o p q
LED O P Q R S	
LED T U O	! " 1000/100M =: ACT T U O 100M V U W X Y 1000M V U W Z Y + u ACT V U X Y Z [ & [ \

1.2 : ; A-

1.2.1 : ; BC

SF200 ] ^ 25°C \_ ` I k \ ] 1500 a! 7bi j cdk  
ec + ? \* 9,

DEFG	<HI	: ; JK
f g	1.3W	2.5W
1500 a! 7bhKc d	1.8W	3W

? 1 SF200 \* 9

1.2.2: ; LM

NO	LMPQR	ST	UV
PCB i j	113.6	mm	+/-0.13mm
PCB 5j	68.9	mm	+/-0.13mm
kl mn o5p (A ) o5p (G )	18.42(~ x79.20 5 18.42(~ x120.02 5	mm	+/-0.27mm
q5j l prs q5j l pts q5j	15.86 2.67	mm	+/-0.13mm

? 2 SF200 mn uu

1.2.3: ; WXYZ

SF200 vwqr \_ ` + ,

[ \	Min	Typ	Max	Units
qr ^j xy SF200T/SF200T-A	0		55	°C
qr ^j xy SF200HT/SF200HT-A	-40		85	°C
qr ^j xy SF200HXT	-40		85	°C
qr z {j  } ~	0		90	%
! ^j	-40		85	°C
! {j  } ~	5		95	%

? 3 SF200 qr " q

. 2 / ] ^ \_ `

## 2.1 6abS

- Ø SF200
- Ø z # \$
- Ø %&p
- Ø o5! ' 1 o5! ' 1

## 2.2 cdef

- W%\$ SF200 ( r ) \* + , - . / O1 \ ]
- Ø 23 EL
- Ø 455%52
- Ø 6 L7Z8Yg9 PCI-E X88X16 ( O { | :
- Ø + , 6 ; < = U5 > ? @ AA : 7I + B
- Ø CD EFGHZV I J . Af p :
- Ø 9 @ ; = > ? K J L J L ! '
- Ø 7 L7 A 52Z5M EL

## 2.3 gX] ^hi

! " Nr = > , @OP pQR9 SFT

. 3 / j k l mnN

- Ø . \* + k U VW5%X
- Ø YZV . [ f \ { \_ ` + , ] ] ^
- Ø VZ \_ ` gabc + , de8fe8gh8i e ^
- Ø , j k l + 8m68n&
- Ø , j 5 ^ op S qr 5stq & uv

Ø , j V . wx S qr 5stq &uv

Ø VZyz qFyz &uv .

Ø qr ^j , ! " + 81 ^j ^{: qr {j , 0% | 90% | } ~