

SF200

* + , -

! " # \$ % & ' () * + , - . / 0 1 2 \$ 3 4 5 6 7 8 9 : ; - . / 0 ;
\$ ' < = - . / 0 > ? ' @ A B C D E F G H I J ' K L ' M N O P @ Q R S T

) * # \$ G H U V

! " # \$ % & '

! " #				
\$ % & '	SF200 WX 7Y / Z [\ S] ! "			
! () *	V1.00	+, - .	2021.1	
/ O 1	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	: ABDEOPQRSTH UDEV* WXOPYZN	234	789	2021.12.21
V1.03	[\] ^ D E V * H SF200T-A _ SF200HT-AN	234	789	2022.12.2

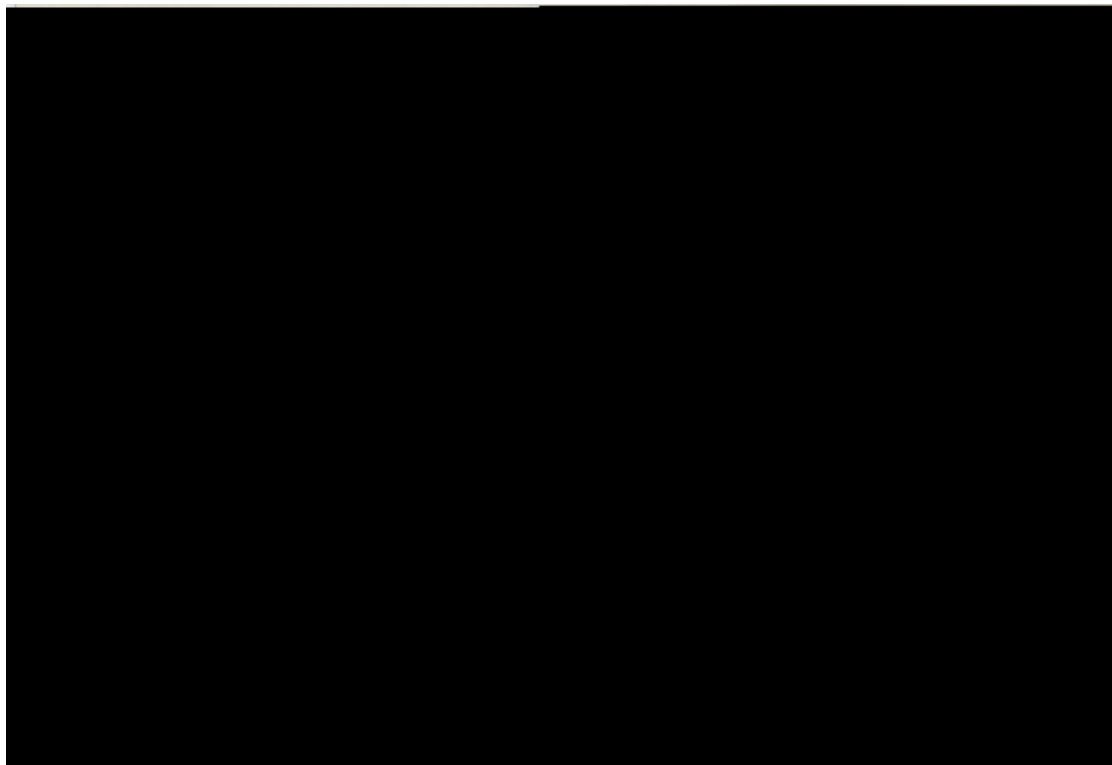
. 1 / SF200 O1 23" " 456789

SF200 WX7Y// ^Z[_, - . /O12\$345` abcdWX7Y/eJ
\fg' h\$` ai j k* ' l mnopqrstuv/^wxyz' { S| } ~\ ' !
" # \$ % & ' (r s) & * m ' + , \$ - . / O / ^ 1 2 | CPU 3 ' 4 5 r s 6 7 8 D
CPU 9 S : ' | ; CPU < \$ \ = > t ? @ A B C d D m T

SF200 WX7Y// ^Z[\ E \$ F G d H I J m K ' ! " 100 L M N / O P Q ' Z
S , } ~ \ D 5 R b S ' I ? T U V @ A P C I E x p r e s s W X Y W X / ^ t ' Z [v D m \
] ^ F _ ' 9 = > I / 0 G ` a 5 R / ^ { S d b c T

SF200 WX7Y// ^Z[\ W X 7 Y / M A C + P H Y 6 d e Q f e J \ D g \$ Q h i j
\ ; ' | W X C 7 Y / P Q t w 5 k ? I k m > n E R h 7 o p q d q r s t q r 7 Z { 5
D m / ^ + u ' v ? 7 + , w x y z { | } ~ ? 7 P C I E x p r e s s + x ' I k G
S O } ~ T

SF200 WX7Y// ^Z[\ g 8



1.1 : ; < = % > ? @

_ D	
k	SF200T/SF200HT /SF200T-A/SF200HT-A(+ S/ S/ARM S)
O d	
	10Base-T Category 3' 4' 5' 5E or6 w 100m
	100Base-Tx Cat5 Cat 5E and Cat6 w 100m
	1000Base-T Cat 5E and Cat6 w 100m
Rh	2E RJ45Qh
k *	3W
PCIe O! "	PCI Expressv2.1(5.0GT/s) x4 &x8 x16
Rh : ! "	10Mbps/100Mbps/1000Mbps ()
	Core 1.1V _{+3%} ' 10 3.3V _{+3%}
2 r	
7Y/ # \$	Yes
IEEE802.3` Z {	Yes
! 9S :	10BASE-T, 100BASE-TX, 1000BASE-T
! "	IEEE 802.3 az
	IEEE 802.3u 100Base-TX Fast Ethernet
	IEEE 802.1Q VLAN
	IEEE 802.1ad
	IEEE 802.3ab
	SM2/SM3/SM4
	Yes
	Yes
	Yes
	Yes
	NO
	NO
NCSI ! "	NO
p q s t ! "	o p q

1.2 : ; A -

1.2.1 : ; BC

SF200 WX 7Y // ^ Z [\ | 25°C 8 | k \] 1500 i j k
H 8? *

DEFG	< HI	: ; JK
	1.3W	2.5W
1500 K	1.8W	3W

? 1 SF200WX 7Y // ^ Z [\ *

1.2.2 : ; LM

NO	LMPQR	ST	UV
PCB	113.6	mm	+/-0.13mm
PCB 5	68.9	mm	+/-0.13mm
5 ([) o 5 ([)	18.42(~ ; x79.2065; 18.42(~ ; x120.0265;	mm	+/-0.27mm
\ 5 \ 5 \ 5	15.86 2.67	mm	+/-0.13mm

? 2 SF200WX 7Y // ^ Z [\ u

1.2.3 : ; WXYZ

SF200 WX 7Y // ^ Z [\ qr 8

[\	Min	Typ	Max	Units
qr 6 SF200T/SF200T-A;	0		55	°C
qr 6 SF200HT/SF200HT-A;	-40		85	°C
qr 6 SF200HXT;	-40		85	°C
qr v 6 ;	0		90	%
!	-40		85	°C
! 6 ;	5		95	%

? 3 SF200WX 7Y // ^ Z [\ qr "

. 2 /] ^ _ `

2.1 6abS

- Ø SF200WX7Y//^Z[\
- Ø z # \$
- Ø %&
- Ø 5! ' 1E' o5! ' 1E

2.2 cdef

- Ø %\$7 SF200WX7Y//^Z[\m() * +, - . / 7801\] T
- Ø 23c T
- Ø 45 T
- Ø 68a 7Z8Y 9dPCI-E6X8 X16; O{ | : T
- Ø +, 68; <=OU5>?@AA: 7 6 B\$; T
- Ø CD7WX7Y//^Z[\dEFGHZV(I J. Af : T
- Ø 9S@\$d; =O>?KxJLWX7Y//^Z[\dJL! ' T
- Ø 7 a 7' A Z5Mc T

2.3 gX] ^hi

! " Nr =>, OP/OWX/ QR9SS TT

. 3 / j k l m n N

- Ø k * +kUQVW %XT
- Ø YZV k [f\ t'] ^
- Ø VZ_`gabc' de fe gh i e^
- Ø , j k`l + m6 n&T
- Ø , j 5 op' bSdqrD st ?m uvT

Ø , j V k wx' bSdqrD st ?m uvT

Ø VZyz' qFyz?m uvk T

Ø qr ! " +S S ^{ qr 0% | 90%' T