

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

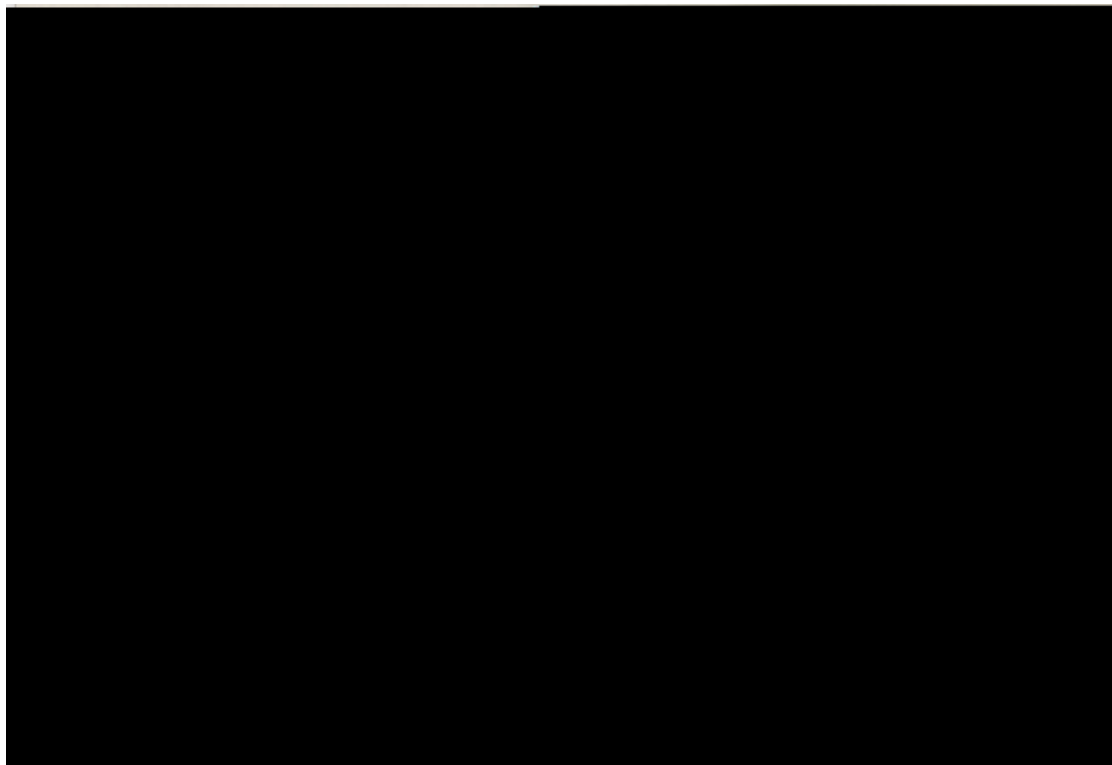
) * # \$ G H U V

! " # \$ % & '

	SF200 WX 7Y / Z [\ S] ! "			
	V1.00			2021.1
V1.00				2021.1.25
V1.01	SF200 1.03	PCB 1.04		2021.4.25
V1.02				2021.12.21
V1.03	SF200HT-A	SF200T-A		2022.12.2

1 SF200

SF200 WX7Y//^Z[_ , - . /O12\$345`abcdWX7Y/eJ
\fg'h\$`aijk*'lmnopqrstuv/^wxyz'{S|}~\ '
rs m' \$ / ^ | CPU ' rs D
CPU S ' | CPU \ t d mT
SF200 WX7Y//^Z[\ \$ d m ' 100 / ' Z
S, } ~\D b ' l ? @A PCI Express WX/^t' v m
' I/O G / ^ { Sd T
SF200 WX7Y//^Z[\ 7Y/ MAC+PHY6 eJ \ D
\;' | WXC7Y/ tw ? > E 7 d 7Z{
m/^ ' ?7 ?7! " PCI Express # \$ % ' G &
' S(T
SF200 WX7Y//^Z[\) * + 8,



1.1

— -	
k. / O	SF200T/SF200HT /SF200T-A/SF200HT-A(S /1 S /ARM 1 S)
2 3	4 2
5 2 6 /	10Base-T Category 3' 4' 5' 5E or6, w7100m
	100Base-Tx Cat5&Cat 5E and Cat6, w7100m
	1000Base-T Cat 5E and Cat6, w7100m
6 /	2E RJ45
k. 9	3W
PCIe (PCI Expressv2.1(5.0GT/s) x4: ; &x8<x16
=	10Mbps/100Mbps/1000Mbps (4 2)
5% > 5	Core5%1.1V _{+3%} > 5' 105%3.3V _{+3%} > 5
2? @r	
7Y / 5%	Yes
IEEE802.3` Z {	Yes
S =	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
C D E F (? G)	SM2/SM3/SM4
PCI-SIG	Yes
HI	Yes
J K L b M N (VMDq)	Yes
PXE	Yes
FCoE	NO
WOL	NO
NCSI	NO
LED O P Q R S	

1.2

1.2.1

SF200 WX7Y// ^Z [\ |] ^ 25°C _ ` 8 1500 a! 7b cd
ecH+8 9,

fg	1.3W	2.5W
1500 a! 7bh c d	1.8W	3W

1 SF200WX7Y// ^Z [\ 9

1.2.2

PCB ij	113.6	mm	+/-0.13mm
PCB j	68.9	mm	+/-0.13mm
kl mn o p (A[) p (G[)	18.42(; x79.206 ; 18.42(; x120.026 ;	mm	+/-0.27mm
\q j l prs \q j l pts \q j	15.86 2.67	mm	+/-0.13mm

2 SF200WX7Y// ^Z [\ mn u

1.2.3

SF200 WX7Y// ^Z [\ vw _ ` +8,

	Min	Typ	Max	Units
^j xy 6SF200T/SF200T-A;	0		55	°C
^j xy 6SF200HT/SF200HT-A;	-40		85	°C
^j xy 6SF200HXT;	-40		85	°C
zv{ j 6 } ~;	0		90	%
! ^j	-40		85	°C
! { j 6 } ~;	5		95	%

3 SF200WX7Y// ^Z [\ " q

2

2.1

- Ø SF200WX7Y//^Z[\
- Ø # \$
- Ø %&p
- Ø o ' 1E' ' 1E

2.2

W%\$7 SF200WX7Y//^Z[\m(r) * +, - . / 7801 T

- Ø 23cELT
- Ø 455%52T
- Ø 68aL7 8 g9dPCI-E6X88X16; (: T
- Ø 68; <=O 5>?@ A: 7I 6+B\$; T
- Ø CD7WX7Y//^Z[\dEFGH (IJ A p: T
- Ø S \$d; =O>?KxJLWX7Y//^Z[\dJL ' T
- Ø 7 aL7' A 52 5McELT

2.3

N , @OP/OWX/pQR SSFTT

3

- Ø k. * + UQVW5%XT
- Ø YZ k. [\{ _ ` t' +,]] ^
- Ø VZ_` abc' +, de8fe8gh8i e ^
- Ø , j k` l +8m68n&T
- Ø , j ^op' b dqr D5stq?m&uvT

Ø , j k . wx' b dqr D5st q?m&uvT

Ø VZyz' qFyz?m&uvk. T

Ø ^j , S81S^j ^{: {j , 0% | 90%' | } ~T