

SRAM REV 0x00

Setting 4Port 60W -> Normal Operate

TPS2388x File Tools Firmware Help

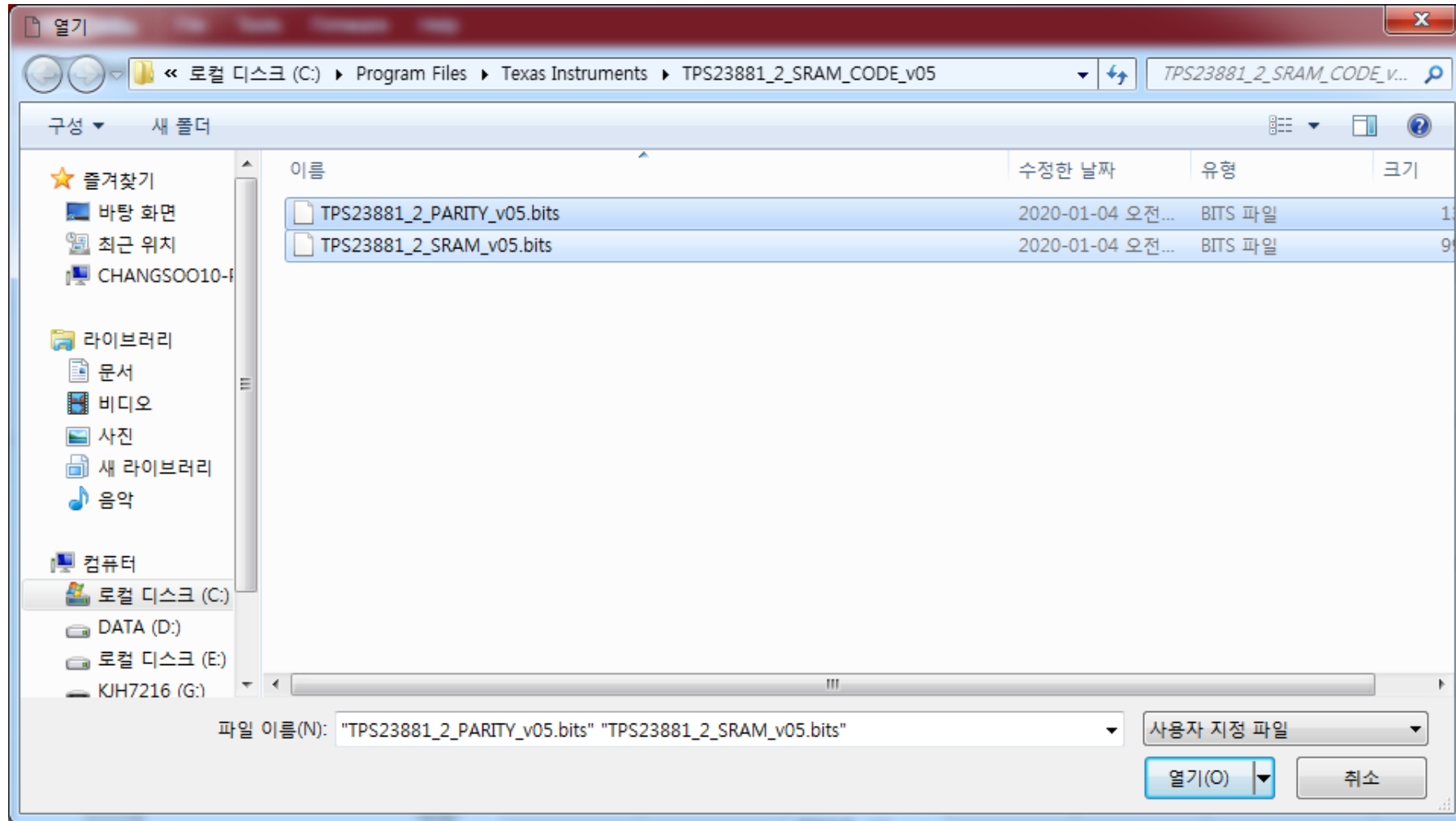
Menu

Set All Ports To Standard Set All Ports To Auto Mode

Interrupt Status Safe Mode Parity Enabled

ENGINEERING VIEW Check For Latest Firmware Click to configure Port (Hold Shift for multi-select) TPS23881 SRAM Revision - 0x0 Input Voltage 48.104 V Die Temperature 36.72 °C Dss Reset Show EVM View | Enable/Disable | Timing Config (ms) | Faults | Det/Cls Enable | Detection | Measure Cap | Class | Policing | Auto Class | Voltage / Current | Power | |--|--------------------|--------|--|---------------------------------------|-------------|-------------------------------|-----------------------|---|---------------------|------------------------------------| | Auto (M SFA) 4 pair port 1
60 W
2P Disable | TLIM 60 | 0 (i) | Det: <input checked="" type="checkbox"/>
Cls: <input checked="" type="checkbox"/> | cc: SS
Ch A: 24.61 KΩ
RVALID | - | Req: Class5
Assn: Class5 | 4P: 45 W
ChA: 32 W | MAC Auto Class - No
AC Power: 0.00 W | 48.11 V
10.83 mA | Total Pwr: 1.06 W | | 4P Disable
2P Disable | TSTART 60 | 0 (i) | Det: <input checked="" type="checkbox"/>
Cls: <input checked="" type="checkbox"/> | Ch B: 24.61 KΩ
RVALID | - | Req: Class5
Assn: Class5 | ChB: 32 W | MAC Auto Class - No
AC Power: 0.00 W | 48.14 V
11.10 mA | Ch A: 520.98 mW
Ch B: 534.22 mW | | Auto (M SFA) 4 pair port 2
60 W
2P Enable | TOVLD 60 | 0 (i) | Det: <input checked="" type="checkbox"/>
Cls: <input checked="" type="checkbox"/> | cc: Unknown
Ch A: 49.80 KΩ
Open | - | Req: Unknown
Assn: Unknown | 4P: -
ChA: - | MAC Auto Class - No
AC Power: 0.00 W | 0.00 mV
0.00 μA | Total Pwr: 0.00 nW | | 4P Enable
2P Enable | TMPDO 360 | 0 (i) | Det: <input checked="" type="checkbox"/>
Cls: <input checked="" type="checkbox"/> | Ch B: 49.80 KΩ
Open | - | Req: Unknown
Assn: Unknown | ChB: - | MAC Auto Class - No
AC Power: 0.00 W | 0.00 mV
0.00 μA | Ch A: 0.00 nW
Ch B: 0.00 nW | | Auto (M SFA) 2 pair port 1
30 W
2P Enable | TLIM 60 | 0 (i) | Det: <input checked="" type="checkbox"/>
Cls: <input checked="" type="checkbox"/> | Open
49.80 KΩ | - | Req: Unknown
Assn: Unknown | - | MAC Auto Class - No
AC Power: 0.00 W | 0.00 mV
0.00 μA | 0.00 nW | | Auto (M SFA) 2 pair port 2
30 W
2P Enable | TSTART 60 | 0 (i) | Det: <input checked="" type="checkbox"/>
Cls: <input checked="" type="checkbox"/> | Open
49.80 KΩ | - | Req: Unknown
Assn: Unknown | - | MAC Auto Class - No
AC Power: 0.00 W | 0.00 mV
0.00 μA | 0.00 nW | | Auto (M SFA) 2 pair port 3
30 W
2P Enable | TOVLD 60 | 0 (i) | Det: <input checked="" type="checkbox"/>
Cls: <input checked="" type="checkbox"/> | Open
49.80 KΩ | - | Req: Unknown
Assn: Unknown | - | MAC Auto Class - No
AC Power: 0.00 W | 0.00 mV
0.00 μA | 0.00 nW | | Auto (M SFA) 2 pair port 4
30 W
2P Enable | TMPDO 360 | 0 (i) | Det: <input checked="" type="checkbox"/>
Cls: <input checked="" type="checkbox"/> | Open
49.80 KΩ | - | Req: Unknown
Assn: Unknown | - | MAC Auto Class - No
AC Power: 0.00 W | 0.00 mV
0.00 μA | 0.00 nW | Read register ID Connected TEXAS INSTRUMENTS

SRAM LOAD to REV 0x05



SRAM LOAD Complete for REV 0x05

The screenshot displays the 'ENGINEERING VIEW' of the TPS2388x software. A central dialog box titled 'Information' is overlaid on the interface, containing the following text: 'You are currently loading a new firmware. You can switch back to the factory version by selecting restore factory firmware from the 'Firmware' menu.' Below the text is an 'OK' button. The background interface shows a table of port configurations and status indicators.

Enable / Disable	Timing Config (ms)	Faults	Det/Cls Enable	Detection	Measure Cap	Class	Policing	Auto Class	Voltage / Current	Power
2P Disable	TLIM 60	0	Det: ON Cls: ON	CC: SS Ch A: 24.61 KΩ RVALID	-	Req: Class5 Assn: Class5	4P: 45 W ChA: 32 W	Auto Class - No AC Power: 0.00 W	48.07 V 10.56 mA	Total Pwr: 1.02 W Ch A: 507.64 mW
2P Disable	TSTART 60	0	Det: ON Cls: ON	Ch B: 24.61 KΩ RVALID	-	Req: Class5 Assn: Class5	ChB: 32 W	Auto Class - No AC Power: 0.00 W	48.07 V 10.65 mA	Ch B: 512.02 mW
2P Enable								Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	Total Pwr: 0.00 nW Ch A: 0.00 nW
2P Enable								Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	Ch B: 0.00 nW
2P Enable								Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	0.00 nW
2P Enable								Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	0.00 nW
2P Enable	TOVLD 60		Det: OFF Cls: OFF	Unknown		Req: Unknown Assn: Unknown		Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	0.00 nW
2P Enable	TMPDO360	0	Det: OFF Cls: OFF	0.00 Ω		Req: Unknown Assn: Unknown		Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	0.00 nW
2P Enable		0	Det: OFF Cls: OFF	0.00 Ω		Req: Unknown Assn: Unknown		Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	0.00 nW

First SRAM Load -> Normal Operate

TPS2388x File Tools Firmware Help

Menu

Set All Ports To Standard Set All Ports To Auto Mode

Interrupt Status Safe Mode Parity Enabled

ENGINEERING VIEW Check For Latest Firmware Click to configure Port (Hold Shift to multi-select) Auto (M SRAM) 4 pair port 1 60 W 4P Disable 2P Disable Auto (M SRAM) 4 pair port 2 60 W 4P Enable 2P Enable Auto (M SRAM) 2 pair port 1 30 W 2P Enable Auto (M SRAM) 2 pair port 2 30 W 2P Enable Auto (M SRAM) 2 pair port 3 30 W 2P Enable Auto (M SRAM) 2 pair port 4 30 W 2P Enable TPS23881 SRAM Revision - 0x5 Input Voltage Die Temperature 49.368 V 38.03 °C Oss Reset [Show FVM View](#) | Enable / Disable | Timing Config (ms) | Results | Det/Cls Enable | Detection | Measure Cap | Class | Policing | Auto Class | Voltage / Current | Power | |------------------|--------------------|---------|---|---|-------------|-------------------------------|------------------------------------|---|---------------------|--| | 2P Disable | TUIM 60 | 0 | Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/> | cc: SS
Ch A: 24.61 KΩ
RVALID
Ch B: 24.61 KΩ
RVALID | - | Req: Class5
Assn: Class5 | 4P: 45 W
ChA: 32 W
ChB: 32 W | MAC Auto Class - No
AC Power: 0.00 W | 48.10 V
10.83 mA | Total Pwr: 1.04 W
Ch A: 520.94 mW | | 2P Disable | TSTART 60 | 0 | Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/> | cc: Unknown
Ch A: 49.80 KΩ
Open
Ch B: 49.80 KΩ
Open | - | Req: Unknown
Assn: Unknown | 4P: -
ChA: -
ChB: - | MAC Auto Class - No
AC Power: 0.00 W | 0.00 mV
10.83 mA | Total Pwr: 0.00 nW
Ch A: 0.00 nW
Ch B: 0.00 nW | | 2P Enable | TOVLD 60 | 0 | Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/> | Open | - | Req: Unknown
Assn: Unknown | - | MAC Auto Class - No
AC Power: 0.00 W | 0.00 mV
0.00 μA | 0.00 nW | | 2P Enable | TMPDO 360 | 0 | Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/> | Open | - | Req: Unknown
Assn: Unknown | - | MAC Auto Class - No
AC Power: 0.00 W | 0.00 mV
0.00 μA | 0.00 nW | | 2P Enable | TUIM 60 | 0 | Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/> | Open | - | Req: Unknown
Assn: Unknown | - | MAC Auto Class - No
AC Power: 0.00 W | 0.00 mV
0.00 μA | 0.00 nW | | 2P Enable | TSTART 60 | 0 | Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/> | Open | - | Req: Unknown
Assn: Unknown | - | MAC Auto Class - No
AC Power: 0.00 W | 0.00 mV
0.00 μA | 0.00 nW | | 2P Enable | TOVLD 60 | 0 | Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/> | Open | - | Req: Unknown
Assn: Unknown | - | MAC Auto Class - No
AC Power: 0.00 W | 0.00 mV
0.00 μA | 0.00 nW | | 2P Enable | TMPDO 360 | 0 | Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/> | Open | - | Req: Unknown
Assn: Unknown | - | MAC Auto Class - No
AC Power: 0.00 W | 0.00 mV
0.00 μA | 0.00 nW | Read 4 register(s). Connected TEXAS INSTRUMENTS

Second SRAM Load -> Initialize the Setting Value

TPS2388x File Tools Firmware Help

Menu

ENGINEERING VIEW [Check For Latest Firmware](#)

Interrupt Status Safe Mode Parity Enabled

Click to configure Port (Hold to multi-select)

Set All Ports To Standard Set All Ports To Auto Mode

TPS23881

SRAM Revision - 0x5
Input Voltage Die Temperature

Oss Reset Show EVM View

Enable / Disable	Timing Config (ms)	Faults	Det/Cls Enable	Detection	Measure Cap	Class	Policing	Auto Class	Voltage / Current	Power
2P Enable	TLIM 60	0 1	Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/>	cc: Unknown ch A: 0.00 Ω Unknown ch B: 0.00 Ω Unknown	-	Req: Unknown Assn: Unknown	4P: - ChA: -	MAC Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	Total Pwr: 0.00 nW Ch A: 0.00 nW Ch B: 0.00 nW
2P Enable	TSTART 60	0 1	Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/>	cc: Unknown ch A: 0.00 Ω Unknown ch B: 0.00 Ω Unknown	-	Req: Unknown Assn: Unknown	4P: - ChA: -	MAC Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	Total Pwr: 0.00 nW Ch A: 0.00 nW Ch B: 0.00 nW
2P Enable	TOVLD 60	0 1	Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/>	cc: Unknown ch A: 0.00 Ω Unknown ch B: 0.00 Ω Unknown	-	Req: Unknown Assn: Unknown	4P: - ChA: -	MAC Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	Total Pwr: 0.00 nW Ch A: 0.00 nW Ch B: 0.00 nW
2P Enable	TMPDO 360	0 1	Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/>	cc: Unknown ch A: 0.00 Ω Unknown ch B: 0.00 Ω Unknown	-	Req: Unknown Assn: Unknown	4P: - ChA: -	MAC Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	Total Pwr: 0.00 nW Ch A: 0.00 nW Ch B: 0.00 nW
2P Enable	TLIM 60	0 1	Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/>	Unknown 0.00 Ω	-	Req: Unknown Assn: Unknown	-	MAC Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	0.00 nW
2P Enable	TSTART 60	0 1	Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/>	Unknown 0.00 Ω	-	Req: Unknown Assn: Unknown	-	MAC Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	0.00 nW
2P Enable	TOVLD 60	0 1	Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/>	Unknown 0.00 Ω	-	Req: Unknown Assn: Unknown	-	MAC Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	0.00 nW
2P Enable	TMPDO 360	0 1	Det: <input checked="" type="checkbox"/> Cls: <input checked="" type="checkbox"/>	Unknown 0.00 Ω	-	Req: Unknown Assn: Unknown	-	MAC Auto Class - No AC Power: 0.00 W	0.00 mV 0.00 μA	0.00 nW

Read register ID Connected

TEXAS INSTRUMENTS