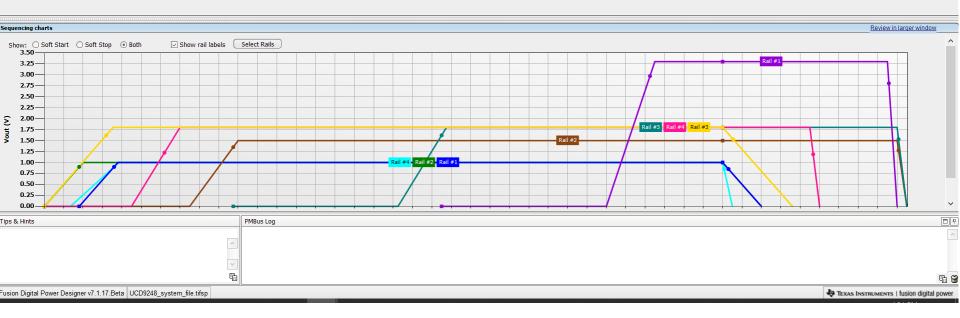
## UCD9248 Programming

🖗 Texas i	I Texas Instruments - Fusion Digital Power Designer (System View)												
ile Tools Debug Help													
Scan for Device (Device _D   Device _Code   IC _Device _ID   🖧 Build System   System Monitor   🕁 Save   🗸 Auto Write   🔊 Start Polling													
Power Rails Tree													
# Ad	dr ∆ Rail #	Rail Name	Vout	On Delay	y Rise	Off De	Fall	Dependencies (Direct Only)					
Device	e: UCD9248 (	PMBus Addr 52d (34h) /	12C A	ddr 104d (	(68h) [	Offline]		Click to configure device					
1 34h	1	Rail #1	1.00	0.00	4.00	0.00	4.00	VIN_ON @ 10.000 V, VIN_OFF @ 3.000 V; Stay On UCD9248 @ 52d Pin #52; Turn On Dependent on Rail #2; Stay On Dependent on Rail #2; Stay On Dependent					
2 34h	2	Rail #2	1.00	0.00	4.00	0.00	4.00	VIN_ON @ 10.000 V, VIN_OFF @ 3.000 V; Stay On UCD9248 @ 52d Pin #52; Stay On Dependent on Rail #1; Stay On Dependent on Rail #3; Stay On Dependent					
3 34h	3	Rail #3	1.80	0.00	7.10	0.00	7.20	VIN_ON @ 10.000 V, VIN_OFF @ 3.000 V; Turn On UCD9248 @ 52d Pin #52; Stay On UCD9248 @ 52d Pin #52; Stay On Dependent on Rail #1; Stay On Depend					
4 34h	4	Rail #4	1.80	9.00	5.00	9.00	1.00	VIN_ON @ 10.000 V, VIN_OFF @ 3.000 V; Turn On UCD9248 @ 52d Pin #52; Stay On UCD9248 @ 52d Pin #52; Stay On Dependent on Rail #1; Stay On Depend					
Device	e: UCD9248 (	Click to configure device											
5 35h	1	Rail #1	3.30	17.00	5.00	17.00	1.00	VIN_ON @ 6.000 V, VIN_OFF @ 5.000 V; Stay On UCD9248 @ 53d Pin #41; Turn O, UCD929 @ 53d Pin #50; Stay On UCD9248 @ 53d Pin #50; Turn On Depen					
6 35h	2	Rail #2	1.50	15.00	5.00	18.00	1.00	VIN_ON @ 6.000 V, VIN_OFF @ 5.000 V; Stay On UCD9248 @ 53d Pin #41; Turn On UCD9248 @ 53d Pin #50; Stay On UCD9248 @ 53d Pin #50; Stay On Depen					
7 35h	3	Rail #3	1.80	17.00	5.00	18.00	1.00	VIN_ON @ 6.000 V, VIN_OFF @ 5.000 V; Stay On UCD9248 @ 53d Pin #41; Turn On UCD9248 @ 53d Pin #50; Stay On UCD9248 @ 53d Pin #50; Turn On Depen					
8 35h	4	Rail #4	1.00	2.70	5.00	0.00	1.00	VIN_ON @ 6.000 V, VIN_OFF @ 5.000 V; Turn On UCD9248 @ 53d Pin #41; Stay On UCD9248 @ 53d Pin #41; Stay On UCD9248 @ 53d Pin #50; Stay On Depen					



Open Fusion digital power designer, the Fusion should find two UCD9248. Click to Configure device to program any UCD9248

Discard Changes   Store RAM to Flash   🔓 Restore RAM from fl	ash			
		Config	_	
	How to turn rail On/Off			
Vout Max:         1.600 m²         V           Over Fault:         1.150 m²         V         15.0 m²         %           Over Warn:         1.100 m²         V         10.0 m²         %           Margin High:         1.050 m²         V         5.0 m²         %		On/Off Config:     0x00 ∨     (Always Converting)       Turn On Timing     Turn Off Timing       Turn On Delay:     0.0 ♀     ms       Rise Time:     4.0 ♀     ms		
Vout:         1.000 ⊕ V         ✓ Synchronize margins/limits/ PG to           Margin Low:         0.950 ⊕ V         -5.0 ⊕ %           Under Warn:         0.900 ⊕ V         -10.0 ⊕ %	Max Turn On: 20.0 ↔ ms No limit ✓ No limit ✓ No limit			
Under Fault:         0.850 €         V         -15.0 €         %           Power Good On:         0.900 €         V         -10.0 €         %           Power Good Off:         0.850 €         V         -15.0 €         %           Vout Exponent:         -12 €         Max: 4.000 V         Set for me		Fault Respones       TON MAX V       UC Response V       OV Response V       UV Response V       UV Response V		
		Fault Shutdown Slaves	<u> </u>	
Voltage Tracking     No tracking     Track a rail: Rail #2 ♥     Track the external vtrack pin <u>Configure vtrack source</u> Tracking Scale: 1.000 ♥		Rail #1:       NA         Rail #2:       Do not shutdown on rail #1 fault         Rail #3:       Do not shutdown on rail #1 fault         Rail #4:       Do not shutdown on rail #1 fault		
Rail #1       Pin 52         Rail #2       Pin 49         Rail #3       Image: Rail #3         Rail #4       Image: Rail #4         Edit Input Pins       Rail #4         Configure how a rail shuts down when stay on condition is no longer met:	Dependencies			
	Rail Configuration       Iout, Vin, Temp Config       Other Config       Phase/Rail Config       (1)         Vout Max:       1.600 © V       0.0 © %       0.0 © %       0.0 © %         Over Warn:       1.100 © V       10.0 © %       %         Margin High:       1.050 © V       5.0 © %         Vout:       1.000 © V       Synchronize margins/lmits/PG to         Margin Low:       0.950 © V       -5.0 © %         Under Warn:       0.900 © V       -10.0 © %         Power Good On:       0.900 © V       -10.0 © %         Power Good On:       0.900 © V       -10.0 © %         Power Good Off:       0.850 © V       -15.0 © %         Vout Exponent:       -12 © Max: 4.000 V       Set for me         Voltage Tracking       O tracking       Track a rail: Rail #2 V         Track a rail:       Nail #2 V       Nail #2 V         Track a rail:       1.000 ©       Sequencing Dependencies         Turn On Dependencies       Stay On Initiated Shutdown Mode       Stay On Initiated Shutdown Mode	Vout Max:         1 600 ⊕ V           Over Fault:         1.150 ⊕ V         15.0 ⊕ %           Over Warn:         1.100 ⊕ V         10.0 ⊕ %           Margin High:         1.050 ⊕ V         5.0 ⊕ %           Vout:         1.000 ⊕ V         Synchronize margins/limits/PG to Vout           Margin Low:         0.950 ⊕ V         -5.0 ⊕ %           Under Warn:         0.900 ⊕ V         -5.0 ⊕ %           Power Good On:         0.900 ⊕ V         -10.0 ⊕ %           Power Good Off:         0.850 ⊕ V         -15.0 ⊕ %           Power Good Off:         0.850 ⊕ V         -15.0 ⊕ %           Vout Exponent:         -12 ⊕ Max: 4.000 V         Set for me           Voltage Tracking         Over Track a rail:         @ # 2 ∨           Track a rail:         @ # 2 ∨         Stay On Dependencies           Sequencing Dependencies         Stay On Dependencies         Stay On Dependencies           No rail # 3         Rail # 3         Rail # 3         Rail # 3           Rail # 4         Edit Input Pins         Edit Input Pins	Ref Configuration       Jost, Win, Temp Cunify       Office Cunify       CR40 Configuration       Advanced Config         Vout Max:       1.500 V       1.500 V       So 0 %       Only 0 (Mayay Converting)         Vout Max:       1.500 V       So 0 %       Only 0 (Mayay Converting)         Vout Max:       1.500 V       So 0 %       Only 0 (Mayay Converting)         Vout Max:       1.500 V       So 0 %       Only 0 (Mayay Converting)         Vout Max:       1.500 V       So 0 %       Only 0 (Mayay Converting)         Vout 1       1.000 V       So 0 %       Only 0 (Mayay Converting)         Vout 1       1.000 V       So 0 %       Only 0 (Mayay Converting)         Vout 1       0.000 V       So 0 %       Only 0 (Mayay Converting)         Vout 1       0.000 V       So 0 %       Only 0 (Mayay Converting)         Vout 1       0.000 V       So 0 %       Only 0 (Mayay Converting)         Vout 1       0.000 V       So 0 %       Only 0 (Mayay Converting)         Vout 1       0.000 V       So 0 %       Only 0 (Mayay Converting)         Vout 1       0.000 V       So 0 (Mayay Converting)       Only 0 (Mayay Converting)         Vout 1       0.000 V       So 0 (Mayay Converting)       Only 0 (Mayay Converting)	

Click File->"Save project as" to save the programming to .xml file Click File->"import to device" to import the .xml file.