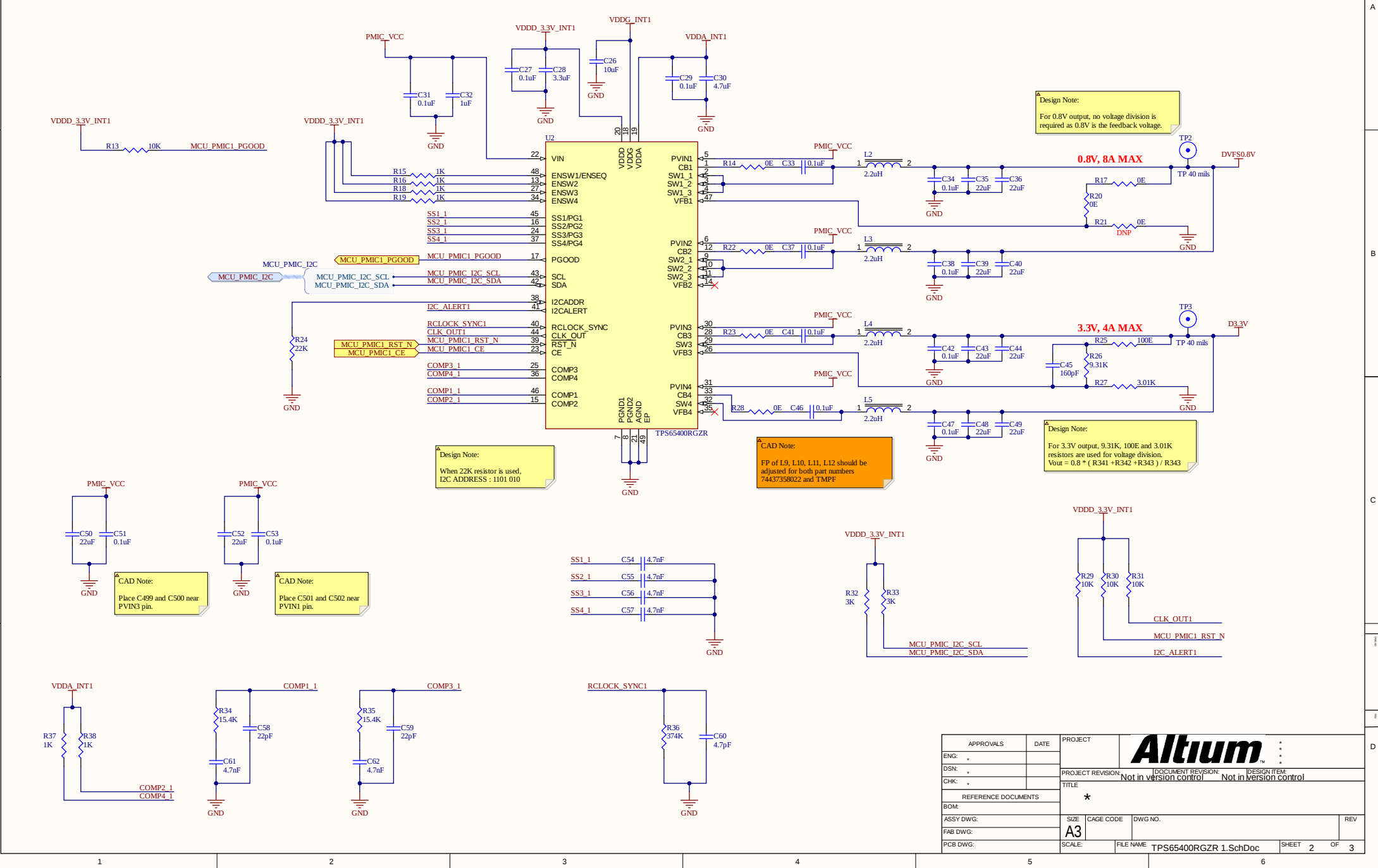
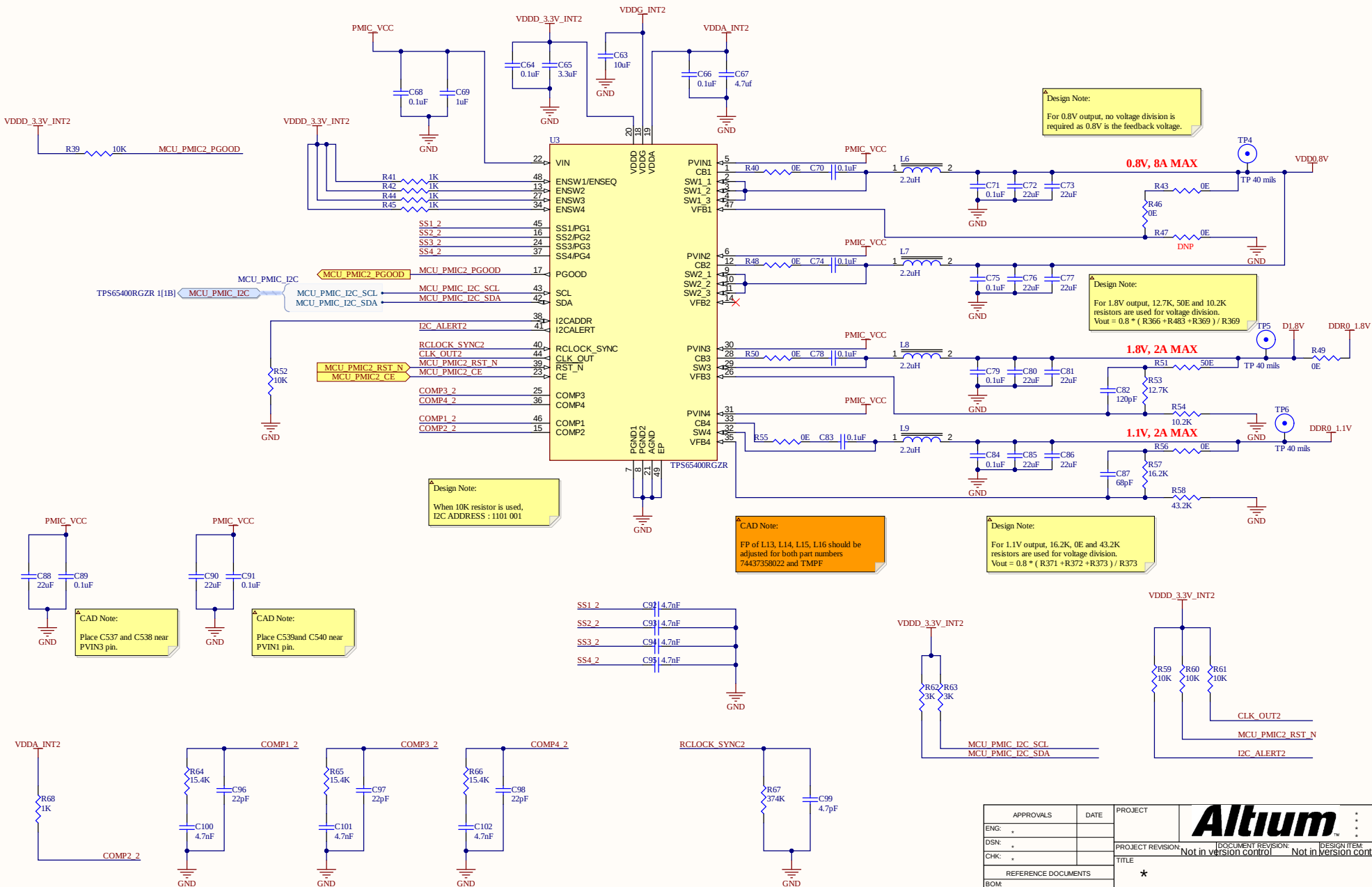


PMIC1



PMIC2



APPROVALS		DATE		PROJECT			
ENG:		*					
DSN:							
CHK:		*		PROJECT REVISION:		DESIGN ITEM:	
				Not in version control		Not in version control	
				TITLE			
				★			
REFERENCE DOCUMENTS							
BOM							
ASSY DWG:				SIZE		CAGE CODE	
FAB DWG:				A3		DWG NO.	
PCB DWG:				SCALE:		REV	
				FILE NAME		SHEET 3 OF 2	
				TPS65400RGZR 2.SchDoc			

Comment	Description	Designator	Footprint	LibRef	Quantity
CAP NON POL	CAP CER.10uF.50V.10 %XSR.0805.SMD, CAP CER.220uF.100V. 100% X7R.0805, CAP CER.5600pF.50V. %X.DG5.0805.SMD, CAP, CER.10uF.50V.20%, %XSR.0805.SMD, CAP CER.0.1uF.50V.1. %XSR.0805.SMD, CAP.1uF.100V.10 %X7R.0805.SMD, CAP CER.22uF.25V.20 %XSR.0805.SMD	C1, C2, C3, C4, C5, C6, C7, C8, C9, C16, C25, C26, C30, C32, C36, C38, C39, C40, C43, C44, C48, C49, C50, C52, C63, C67, C69, C72, C73, C76, C77, C80, C81, C86, C88, C89, C90	CAPC2012080N	GAD100598, GAD100491, GAD100594, GAD100387, GAD100695, GAD100357, GAD100541	37
	CAP POL	C10	CAPA660K770N	GAD100364	1
	CAP POL	C11	CAPA660K800N	GAD100320	1
	CAP NON POL	C12, C13, C14, C15	CAPC3126X270N	GAD100622	4
	CAP CER.1uF.18V.10 %X7R.0603.SMD, CAP CER.4700pF.50V.10% X7R.0603.SMD	C17, C54, C56, C58, C57, C61, C62, C63, C63, C54, C56, C100, C101, C102	CAPC1508K55N	GAD100676, GAD100039	14
	CAP CER.100uF.50V. 47-20% XSR, 0402.SMD, CAP CER.47uF.50V.5 %X.DG5/NPQ.0402.SM D, CAP CER.22uF.50V.5 %X7R.0402.SMD, CAP CER.120pF.50V.1 %X.DG5/NPQ.0402.SM D, CAP CER.68pF.50V.1 %X.DG5/NPQ.0402.SM D, CAP CER.1uF.25V.10 %XSR.0402.SMD, %XSR.0402.SMD, CAP CER.0.1uF.50V.1 C73, C74, C75, C76, C79, C82, C83, C84, C87, C88, C93, C99 %XSR.0402.SMD, CAP CER.0.1uF.100V. 10% XSR.0402.SMD, CAP CER.180uF.50V.1 %X.DG.NPQ.0402.SMD CAP CER.4.7uF.50V.4 9.25uF.0GQ/NPQ.0402 SMD,	C18, C19, C20, C21, C22, C23, C24, C27, C28, C29, C31, C33, C34, C37, C38, C41, C42, C45, C46, C47, C51, C53, C60, C64, C65, C66, C68, C70, C72, C74, C75, C76, C79, C82, C83, C84, C87, C88, C93, C99	CAPC1005X50N	GAD100388, GAD100404, GAD100350, GAD100067, GAD100000, GAD100074, GAD100677, GAD100001, GAD100778, GAD100793, GAD100059	40
	CAP NON POL	C56, C58, C96, C97, C98	CAPC0603K30N	GAD100660	5
	DIODE_SCH	D1	SD036S170X125N	GAD432223	1
	DIODE_SCH_3P_B	D2, D3, D4, D5	TO228P1040X240- 4_2N	GAD430078	4
	FIXED INDUCTOR IRON CORE	L1	NDM4126X120K65N	GAD200349	1
	FIXED INDUCTOR IRON CORE	L2, L3, L4, L5, L6, L7, L8, L9	NDM6285X400N	GAD200348	8
C3D1953Q5A	MOSFET N, 2A,18V,100A,B- VSON	Q1, Q3	SON127P900X80K11 0-8N	GAD400171	2
DMT36MLP5-13	MOSFET N, 2A,30V,65A,B- PowerTREN	Q2, Q4	DFN600X530X110-8N	GAD400170	2
280K	RES.280K,OHM,2%L, 120W,0402.SMD	R1	RESC1005X50N	GAD000155	1
10E	RES.10E,1/10W,2%, 03.SMD	R2	RESC1508X55N	GAD000370	1
249K	RES.249K,1/10W,1%, 0402.SMD	R3	RESC1005X50N	GAD000348	1
20K	RES.20K,1/10W,1%, 02.SMD	R4	RESC1005X50N	GAD000158	1
41.2K	RES.41.2K,1/10W,1%, 0402.SMD	R5	RESC1005X50N	GAD000079	1
100E	RES.100E,1/10W,1%, 0402.SMD	R6, R8, R25	RESC1005X50N	GAD000001	3
4nE	RES.4nE,3W,1%,2512 SMD	R7	RESC634X90N	GAD001109	1
10K	RES.10K,1/10W,1%, 02.SMD	R9, R13, R28, R30, R31, R38, R62, R69, R60, R63	RESC1005X50N	GAD000004	10
73.2K	RES.73.2K,1/10W,2%, 0402.SMD	R10	RESC1005X50N	GAD000505	1
13.3K	RES.13.3K,0.1%,1/16 W,0402.SMD	R11	RESC1005X50N	GAD000234	1
83.1K	RES.83.1K,1/10W,1%, 0603.SMD	R12	RESC1508X55N	GAD001108	1
8E	RES.0E,1/10W,JUMPER, 0.0402.SMD	R14, R17, R20, R21, R22, R23, R26, R40, R43, R46, R47, R48, R50, R55, R56	RESC1005X50N	GAD000029	15
1K	RES.1K,1/10W,1%,040 2.SMD	R15, R16, R18, R19, R37, R38, R41, R42, R44, R45, R68	RESC1005X50N	GAD000006	11
22K	RES.22K,1/10W,1%, 02.SMD	R24	RESC1005X50N	GAD000004	1
9.31K	RES.9.31K,1/10W,1%, 0402.SMD	R26	RESC1005X50N	GAD000965	1
3.01K	RES.3.01K,1/10W,1%, 0603.SMD	R27	RESC1508X55N	GAD000724	1
3K	RES.3K,1/10W,0.1%,06 03.SMD	R32, R33, R62, R63	RESC1508X55N	GAD000699	4
15.4K	RES.15.4K,1/10W,1%, 0602.SMD	R34, R35, R64, R65, R66	RESC1005X50N	GAD000823	5
374K	RES.374K,1/10W,1%, 0603.SMD	R66, R67	RESC1508X55N	GAD000679	2
0E	RES.0OHM,1/10W,J/ MPQ5.0603.SMD	R49	RESC1508X55N	GAD000744	1
50E	RES.50E,1/20W,0.1%, 0402.SMD	R51	RESC1005X50N	GAD000666	1
12.7K	RES.12.7K,1%,1/10W, 0603.SMD	R53	RESC1685X50N	GAD001111	1
10.2K	RES.10.2K,1/10W,1%, 0603.SMD	R54	RESC1508X55N	GAD000713	1
16.2K	RES.16.2K,1/5W,0.1%, 0603.SMD	R57	RESC1508X55N	GAD001102	1
43.2K	RES.43.2K,1/10W,1%, 0603.SMD	R58	RESC1685X50N	GAD001114	1
LM5175RHFR	IC,BUCK-BOOST,3.5V, 40VIN,0.8- 55VOUT,1CH,28- VQFN	U1	QFN60P40X50X100- 28N	GAD480416	1
TPS65400RQ2R	IC,BUCK,4.5-18V, IN,0.6-16.2V OUT,4A,2A,ADJ,4B- VQFN	U2, U3	QFN60P718X718X100- 48N	GAD480409	2