Type	Convertion	Max current	Max effic.	Effic. @ 1mA	Quiscient	Inductor	Frequency	Size	Remarks
MIC33050	5V0 --> 3V3	0A6	93%	85%	20µA	none	?	3mm x 3mm, 12 pins	quiet good
MIC23150	5V0 --> 3V3	2A0	93%	87%	23µA	1µH	10kHz .. 4MHz	2mm x 2mm, 8 pins	second source
SC189ZSKTRT	5V0 --> 3V3	1A5	93%	?	7mA5	1µH	2MHz5	SC-74A, SOT-753, 5 pins	quiscient current much to high
AP1509-33SG-13	5V0 --> 3V3	2A0	78%	?	5mA	?	0MHz150	8-SOIC (0.154 inch, 3mm 90 width)	quiscient current much to high
MCP1603T-330I/OS	5V0 --> 3V3	0A5	90%	75%	49µA	4µH7	2MHz PWM+PFM	SOT-23-5 thin, TSOT-23-5	efficiency @ 1mA to low
ADP2108AUJZ-3.3-R7	5V0 --> 3V3	0A6	93%	77%	18µA	1µH	3MHz PWM+PFM	SOT-23-5 thin, TSOT-23-5	efficiency @ 1mA to low
TPS62056DGSR	**5V0 --> 3V3**	**0A8**	**92%**	**89%**	**12µA**	**10µH**	**0MHz850 PWM+PFM**	10-TFSOP, 10-MSOP (0.118 inch, 3mm 00 width)	**very useable extra signals**
TPS62046DGQR	5V0 --> 3V3	1A2	92%	85%	18µA	6µH2	1MHz25	10-TFSOP, 10-MSOP (0.118 inch, 3mm 00 width, with center pad)	very good but missing extra signals of TPS62056DGSR
PAM2301CAAB330	5V0 --> 3V3	0A8	93%	21%	40µA	4µH7	1MHz5 PWM only	SOT-23-5 thin, TSOT-23-5	efficiency @ 1mA really bad
XC9236A33DMR-G	5V0 --> 3V3	0A6	88%	82%	?	4µH7	3MHz PWM+PFM	SC-74A, SOT-753	quiscient current unknown
	2V0 --> 5V0, 5V0 --> 3V3			**88% (boost), 89% (buck)**		**Coilcraft 22µH LPS4018, Toko 10 µH DFE252012C**	**1MHz & 500kHz PWM+PFM**		
BQ25570		**0A110**	**93%**		**0.488µA**			**20-VQFN (3.5mm x 3.5mm)**	**best fit for design for this DC/DC conv.**
TPS62051DGSR	**3V3 --> 1V2**	**0A8**	**90%**	**87%**	**12µA**	**10µH**	**0MHz850 PWM+PFM**	10-TFSOP, 10-MSOP (0.118 inch, 3mm 00 width)	**best fit for design for this DC/DC conv.**

Previous V1.0

PAM2305AAB120	3V3 --> 1V2	1A0	87%	68%	40µA	4µH7	1MHz5	TSOT25	V1.1: replaced by **TPS62051DGSR**
SC189ZSKTRT	5V0 --> 3V3	1A5	93%	60%	7mA5	1µH	2MHz5	SC-74A, SOT-753, 5 pins	V1.1: replaced by **TPS62056DGSR**
SPV1040T	2V0 --> 5V0	0A5 @ out	95%	93%	60µA	33µH	0MHz100	TSSOP8	**V1.1: keep - best fit for design**

<EOF>