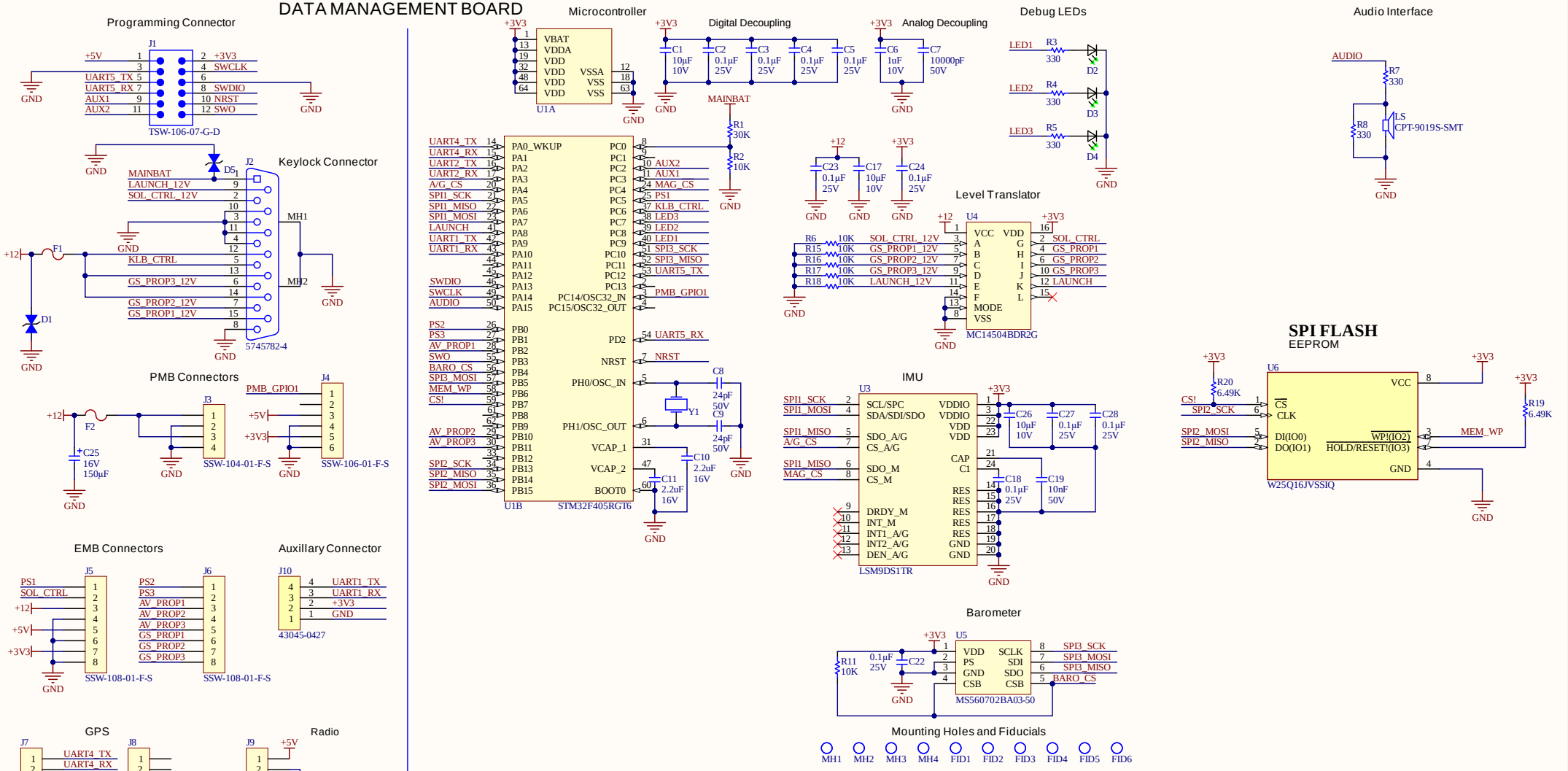
DATA MANAGEMENT BOARD



Andromeda III Series DMB

Title * B			
Size: B	Number:*	Revision:*	
Date: 2022-05-18	Time: 5:00:34 PM	Sheet * of *	
File: C:\Users\randy\Documents\GitHub\Andromeda-V3.3\DataManagementBoard_V3.31\DMB.SchDoc			

Altium

Comment	Description	Designator	Footprint	LibRef	Quantity
CL10A106MP8NNNC	CAP CER 10UF 10V X5R 0603	C1, C17, C26	0603[1608]	CL10A106MP8NNNC	3
CGA3E2X7R1E104K080AA	CAP CER 0.1UF 25V X7R 0603	C2, C3, C4, C5, C18, C22, C23, C24, C27, C28	0603[1608]	CGA3E2X7R1E104K080AA	10
CL10A105KP8NNNC	CAP CER 1UF 10V X5R 0603	C6	0603[1608]	CL10A105KP8NNNC	1
CGA3E2X7R1H103K080AA	CAP CER 10000PF 50V X7R 0603	C7	0603[1608]	CGA3E2X7R1H103K080AA	1
06035A240JAT2A	CAP CER 24PF 50V NP0 0603	C8, C9	0603[1608]	06035A240JAT2A	2
C1608X5R1C225K080AB	CAP CER 2.2UF 16V X5R 0603	C10, C11	0603[1608]	C1608X5R1C225K080AB	2
GRM1885C1H103JA01D	CAP CER 10000PF 50V C0G/NP0 0603	C19	0603[1608]	GRM1885C1H103JA01D	1
TAJD157K016RNJ	CAP TANT 150UF 10% 16V 2917	C25	TAJD157K016RNJ	TAJD157K016RNJ	1
CDSOD323-T12C	TVS DIODE 12V 28.3V SOD323	D1, D5	CDSOD323-T12C	CDSOD323-T12C	2
LTST-C191KGKT	LED GREEN CLEAR SMD 0603	D2, D3, D4	LTST-C191KGKT	LTST-C191KGKT	3
SF-0603FP500M-2	FUSE BOARD MOUNT 5A 32VDC 0603	F1, F2	SF-0603FP500M-2	SF-0603FP500M-2	2
TSW-106-07-G-D	0.025" SQ Post Header, Through-hole, Vertical, -55 to 125 degC, 2.54 mm Pitch, 12-Pin, Male, RoHS	J1	SMTC-TSW-106-07-X-D	CMP-1024-00379-1	1
5745782-4	Female D-Sub Connector, Pitch 2.74 mm, 2 Row, 15 Position, Height 12.93 mm, Tail Length 3.18 mm, -55 to 105 degC, RoHS, Tray	J2	TECO-5745782-4_V	CMP-2000-05646-1	1
SSW-104-01-F-S	CONN RCPT 4POS FEMALE 0.1 GOLD PCB	J3	SSW-104-01-F-S	SSW-104-01-F-S	1
SSW-106-01-F-S	CONN RCPT 6POS FEMALE 0.1 GOLD PCB	J4, J7, J8	SSW-106-01-F-S	SSW-106-01-F-S	3
SSW-108-01-F-S	CONN RCPT 8POS FEMALE 0.1 GOLD PCB	J5, J6	SSW-108-01-F-S	SSW-108-01-F-S	2
0430450400	CONN HEADER R/A 4POS 3MM	J9	0430450400	0430450400	1
43045-0427	Checked Conn Header 4 POS 3mm Solder ST Thru-Hole 4 Terminal 1 Port Micro-Fit 3.0 Tray Headers and Wire Housings 0.735	J10	43045-0427	43045-0427	1
CPT-9019S-SMT	9 mm, 25 Vp-p Vdc, 65 dB, Surface Mount _SMT_, Piezo Audio Transducer Buzzer	LS	CUI_CPT-9019S-SMT	CPT-9019S-SMT	1
RC0603FR-0730KL	RES SMD 30K OHM 1% 1/10W 0603	R1	0603[1608]	RC0603FR-0730KL	1
ERJ-3GEYJ103V	RES SMD 10K OHM 5% 1/10W 0603	R2, R6, R11, R15, R16, R17, R18	0603[1608]	ERJ-3GEYJ103V	7
RC1608F331CS	RES SMD 330 OHM 1% 1/10W 0603	R3, R4, R5, R7, R8	0603[1608]	RC1608F331CS	5
RT0603DRE076K49L	RES SMD 6.49KOHM 0.5% 1/10W 0603	R19, R20	0603[1608]	RT0603DRE076K49L	2
STM32F405RGT6	IC MCU 32BIT 1MB FLASH 64LQFP	U1	TSQFP50P1200X1200X160-64N	STM32F405RGT6	1
LSM9DS1TR	IMU ACCEL/GYRO/MAG I2C/SPI 24LGA	U3	LSM9DS1TR	LSM9DS1TR	1
MC14504BDR2G	IC TRNSLTR UNIDIRECTIONAL 16SOIC	U4	MC14504BDR2G	MC14504BDR2G	1
MS560702BA03-50	BAROMETRIC PRESSURE SENSOR	U5	MS560702BA03-50	MS560702BA03-50	1
W25Q16JVSSIQ	FLASH - NOR Memory IC 16Mb _2M x 8_ SPI - Quad I/O 133MHz 8-SOIC	U6	W25Q16JVSSIQ	W25Q16JVSSIQ	1
ABLS-8.000MHZ-B2-T	CRYSTAL 8.0000MHZ 18PF SMD	Y1	ABLS-8.000MHZ-B2-T	ABLS-8.000MHZ-B2-T	1