U10 DAC2 stribog the attitude determination platform: main board DAC1 revision date: 02XI2009 C17 Copyright (C) 2005, 2006, 2007, 2009 0.1 Ineiev<ineiev@users.berlios.de>, super V 93 A+3.3V C32 3.3k R23 This project is free design; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by DAC7612 + C46 the Free Software Foundation; either version 3 of the License, or 3.3k (at your option) any later version. 10.0; 10V 4.7; 6.3V This program is distributed in the hope that it will be useful, U11 R22 but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details 3.3k 2.048V You should have received a copy of the GNU General Public License along with this program. If not, see http://www.gnu.org/licenses/>. 3.3k HL1 📈 \updownarrow HL2 C18 0.1 C15 | 2.2; 5% 200k R38 R39 22 C16 || R12 C36 2.2; 5% C50 0.1 10k LED0 LED1 RST TP1 100uH SDA SCL R7 200k AVdd LED1 LED0 U2 R8 C19 HMC1022 2.048V =--1 P0.21/PWM5/AD1.6/CAP1.3 A+3.3V C13 2.2; 5% 200k BCtl -3 RTXC1 P0.16/EINT0/MAT0.2/CAP0.2 46 C14 | | 2.2; 5% 4 P1 19/TRACEPKT3 P0.15/R11/FINT2/AD1.5 45 R28 I 5 RTXC2 P1.21/PIPESTAT0 44 DAC1 R27 C37 C51 499: 0.1% 499: 0.1% C38 U1 8 P1 18/TRACEPKT2 P0.14/DCD1/EINT1/SDA1 41 0.1 2.048V LPC2138 P1.22/PIPESTAT1 40 2.2k C53 = can be replaced with LPC2134 or LPC2136 P0.13/DTR1/MAT1.1/AD1.4 39 C6 OP496GS 0.1 P0.12/DSR1/MAT1.0/AD1.3 38 U17 P0.11/CTS1/CAP1.1/SCL1 37 SCL R4 200k RESET . 12 P1.17/TRACEPKT P1.23/PIPESTAT2 36 U3 C20 RESET HMC1021Z P0.29/AD0.2/CAP0.3/MAT0.3 P0.10/RTS1/CAP1.O/AD1.2 PACO___R29 A+3.3V C11 | | 200k Vref.xy = 15 P0.30/AD0.3/EINT3/CAP0.0 499; 0.1% 2.2; 5% P1.16/TRACEPKT0 C12 U5 SET Q1 C52 C65 2.2; 5% OpRef 0.1 SET A+5On C39 wx4.5 R44 A+5Ctl U13 0.1 330k 0.1 ____+ C34 +12V___ + C33 200 C35 10.0; 10V 2.0 10.0; 10V Capacitances with decimal point are in microfarads; without decimal point are in picofarads U17 OP496GS