



McGill Digital fMUX FPGA Motherboard
Rev. 3 – Made in CANADA – September 2007 – Montreal
M. Dobbs, McGill University < Matt.Dobbs@McGill.ca >
N. Starinski, U. of Montreal < starinsky@ips.umontreal.ca >
Copyright 2007, McGill & UdeM

Assembly Revision

PHY LEDs:

10	100	1000
DPLX		

Open/Short = 1/0

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

Board S/N

Port1

Port2

Port3

Port4

Port5

Port6

Port7

Port8

Port9

Port10

Port11

Port12

Port13

Port14

Port15

Port16

Port17

Port18

Port19

Port20

Port21

Port22

Port23

Port24

Port25

Port26

Port27

Port28

Port29

Port30

Port31

Port32

Port33

Port34

Port35

Port36

Port37

Port38

Port39

Port40

Port41

Port42

Port43

Port44

Port45

Port46

Port47

Port48

Port49

Port50

Port51

Port52

Port53

Port54

Port55

Port56

Port57

Port58

Port59

Port60

Port61

Port62

Port63

Port64

Port65

Port66

Port67

Port68

Port69

Port70

Port71

Port72

Port73

Port74

Port75

Port76

Port77

Port78

Port79

Port80

Port81

Port82

Port83

Port84

Port85

Port86

Port87

Port88

Port89

Port90

Port91

Port92

Port93

Port94

Port95

Port96

Port97

Port98

Port99

Port100



PROG DONE
LIT TO STATE <Y>
PROM INIT <R>
LEDs

ETHERNET

Mezzanine Module II
ETHERNET TX <G>
ETHERNET RX <G>
LEDs Power Good <G>

SERIAL COMM

SOUND CTRL

Mezzanine Module I

N. Starnicki, University of Montreal < starnicki@iprim.unimontreal.ca >
M. Dobbie, McGill University < maddie.dobbie@mcgill.ca >
Rev. 3 - Made in CANADA - September 2007, Montreal
McGill Digital tMux FPGA Motherboard



RT8



RT7

RT6

RT5

RT4

RT3

RT2

RT1

RT0

RT-1

RT-2

RT-3

RT-4

RT-5

RT-6

RT-7

RT-8

RT-9

RT-10

RT-11

RT-12

RT-13

RT-14

RT-15

RT-16

RT-17

RT-18

RT-19

RT-20

RT-21

RT-22

RT-23

RT-24

RT-25

RT-26

RT-27

RT-28

RT-29

RT-30

RT-31

RT-32

RT-33

RT-34

RT-35

RT-36

RT-37

RT-38

RT-39

RT-40

RT-41

RT-42

RT-43

RT-44

RT-45

RT-46

RT-47

RT-48

RT-49

RT-50

RT-51

RT-52

RT-53

RT-54

RT-55

RT-56

RT-57

RT-58

RT-59

RT-60

RT-61

RT-62

RT-63

RT-64

RT-65

RT-66

RT-67

RT-68

RT-69

RT-70

RT-71

RT-72

RT-73

RT-74

RT-75

RT-76

RT-77

RT-78

RT-79

RT-80

RT-81

RT-82

RT-83

RT-84

RT-85

RT-86

RT-87

RT-88

RT-89

RT-90

RT-91

RT-92

RT-93

RT-94

RT-95

RT-96

RT-97

RT-98

RT-99

RT-100

RT-101

RT-102

RT-103

RT-104

RT-105

RT-106

RT-107

RT-108

RT-109

RT-110

RT-111

RT-112

RT-113

RT-114

RT-115

RT-116

RT-117

RT-118

RT-119

RT-120

RT-121

RT-122

RT-123

RT-124

RT-125

RT-126

RT-127

RT-128

RT-129

RT-130

RT-131

RT-132

RT-133

RT-134

RT-135

RT-136

RT-137

RT-138

RT-139

RT-140

RT-141

RT-142

RT-143

RT-144

RT-145

RT-146

RT-147

RT-148

RT-149

RT-150

RT-151

RT-152

RT-153

RT-154

RT-155

RT-156

RT-157

RT-158

RT-159

RT-160

RT-161

RT-162

RT-163

RT-164

RT-165

RT-166

RT-167

RT-168

RT-169

RT-170

RT-171

RT-172

RT-173

RT-174

RT-175

RT-176

RT-177

RT-178

RT-179

RT-180

RT-181

RT-182

RT-183

RT-184

RT-185

RT-186

RT-187

RT-188

RT-189

RT-190

RT-191

RT-192

RT-193

RT-194

RT-195

RT-196

RT-197

RT-198

RT-199

RT-200

RT-201

RT-202

RT-203

RT-204

RT-205

RT-206

RT-207

RT-208

RT-209

RT-210

RT-211

RT-212

RT-213

RT-214

RT-215

RT-216

RT-217

RT-218

RT-219

RT-220

RT-221

RT-222

RT-223

RT-224

RT-225

RT-226

RT-227

RT-228

RT-229

RT-230

RT-231

RT-232

RT-233

RT-234

RT-235

RT-236

RT-237

RT-238

RT-239

RT-240

RT-241

RT-242

RT-243

RT-244

RT-245

RT-246

RT-247

RT-248

RT-249

RT-250

RT-251

RT-252

RT-253

RT-254

RT-255

RT-256

RT-257

RT-258

RT-259

RT-260

RT-261

RT-262

RT-263

RT-264

RT-265

RT-266

RT-267

RT-268

RT-269

RT-270

RT-271

RT-272

RT-273

RT-274

RT-275

RT-276

RT-277

RT-278

RT-279

RT-280

RT-281

RT-282

RT-283

RT-284

RT-285

RT-286

RT-287

RT-288

RT-289

RT-290

RT-291

RT-292

RT-293

RT-294

RT-295

RT-296

RT-297

RT-298

RT-299

RT-300

RT-301

RT-302

RT-303

RT-304

RT-305

RT-306

RT-307